





#### **BRIGHTVIEW MOTTO: WE SAVE LIVES.**

BrightView products reduce the risk of collisions and protect the lives of road users by monitoring vehicle blind spots to help drivers manoeuvre safely.

BrightView can be used for all heavy duty vehicles, commercial vehicles, work machines, and agricultural machinery.

Thanks to the comprehensive BrightView solution, you can see your vehicle from all sides. It is up to you where and how many cameras you place. For a better view ahead, place a camera on the front of the vehicle. You will comply with European Directive EX\*2003/97/\*2005/27 on visibility in front of the cab. Rear and side cameras ensure you can see where your mirrors can't see. BrightView can also help with insurance claims.

**But first of all: IT SAVES LIVES!** 



# CAMERA SYSTEMS FOR TRUCKS AND COMMERCIAL VEHICLES

Camera systems for trucks and commercial vehicles serve as a safety feature on increasingly crowded roads. Road structures are unable to cope with the pace of the increasing number of cars, so roads are overcrowded and become less safe.

However, we have to take into account that there are not only trucks, commercial vehicles, and cars on the road, but also an increasing number of scooters, and electric as well as ordinary bikes. There are more cycle paths around the roads, more tourists and more pedestrians. So it is more necessary than ever before to take care of our safety and the safety of our surroundings.

It is also advisable to use a camera system as an assistant when reversing, so that we can see behind us properly and don't run over an inattentive pedestrian or crash into someone else's property. Many accidents have already occurred, for example on motorway construction sites, where workers have lost their lives because they did not see the reversing colossus.

Camera systems don't just have to be used when reversing. Camera sets can be installed anywhere on the vehicle. For example, a very suitable place is on the right side of the truck cab. The driver has a harder time seeing this side and the rear-view mirror doesn't catch everything. A well-placed side camera can prevent unnecessary trouble.

We need to be considerate of our surroundings. We are all the same as human beings, we should look out for each other. And! Let's not forget that road users are not just strangers, but also our parents, children, siblings, and friends.



# ACCIDENT STATISTICS IN THE EUROPEAN UNION

In the EU, an average of 80 people per million die on the roads every year. In 2015, trucks and buses caused 27,000 deaths on Europe's roads.

In 2015, an average of 20 children per million died in each EU country. Of all child road deaths in 2015, 48% of victims were car occupants and 30% were pedestrians. A further 13% were children cycling. On average, 16% of children died on motorways, 42% in rural areas, and 42% on urban roads

#### NUMBER OF DEATHS CAUSED BY LORRIES IN THE EU

COUNTRY	NUMBER OF DEATHS 2015
BE	106
BG	179
CZ	145
DK	17
DE	604
EE	2
IE	22
GR	69
ES	262
FR	473
HR	38

COUNTRY	NUMBER OF DEATHS 2015
IT	252
CY	0
LV	38
LT	45
LU	6
HU	109
MT	1
NL	73
AT	66
PL	649
PT	68

COUNTRY	NUMBER OF DEATHS 2015
RO	146
SI	25
SK	106
FI	64
SE	55
UK	300
EU	3920
IS	2
NO	2
CH	34

Source: European Road Safety Observatory





# CONTENTS



# MODE CAM MENU

# COMPLETE SETS



#### **COMPLETE SET, 4 PIN**

**Ordering code: 727930** 

12-24 V IP 68





**PARAMETERS** 



**MONITOR** 

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × 4 pin cable

Resolution: 800 × 480 RGB

Power supply: 12/24 V

Consumption: ≥8.64 W

Option: PAL&NTSC, AUTO system

**Operating temperature: -10°C-65°C** 

Automatic switch-on when reversing

Automatic brightness adjustment

Order code: **727919** 

**CAMERA** 

Order code: **727936** 



Sensor: 1/4" Sonv CCD Resolution: 700 TV lines Field of view: 120°

18 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

> Power supply: 12/24 V Min. illumination: 0 Lux

**Operating temperature:** -10°C-65°C

according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor

Buttons: touch

Waterproofing: IP68 **Lens:** 2.5 mm Microphone: no Other parameters: heated CABLE

Order code: **727928** 



Video cable: 15 m (Aircraft type)

#### **COMPLETE SET, 4 PIN**

12-24 V IP 68

Quad screen monitor - up to four images can be viewed simultaneously.





**MONITOR** 

Order code: **727916** 



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 4 × 4 pin cable Quad screen: displays up to 4

images at once

Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote

Accessories: sun visor

**CAMERA** 

Order code: **727936** 



Sensor: 1/4" Sonv CCD Resolution: 700 TV lines

Field of view: 120°

18 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Waterproofing: IP68

Microphone: no Other parameters: heated

**Operating temperature:** -10 °C -65 °C **Lens:** 2.5 mm



Order code: **727928** 



Ordering code: **727931** 





#### **COMPLETE SET, 4 PIN**

Ordering code: 727944



MONITOR

Order code: **727919** 



Sensor: 1/4" Sony CCD

Resolution: 700 TV lines

18 x LED: backlight dusk/

Night vision distance:

Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO

system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

**Operating temperature:** -10°C-65°C

**Buttons:** touch Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote

Accessories: sun visor

CAMERA

Order code: **727936** 

Order code: **727924** 



Sensor: 1/4" SHARP CCD

24 × LED: backlight dusk/

7.62 m

**Resolution:** 

Field of view: 120°

night

7.62 m

N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

**Operating temperature:** -10°C-65°C

Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: no

Other parameters: heated

**CAMERA** 



Resolution: 600 TV lines Field of view: 120°

night Night vision distance:

**Resolution:** 

N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux **Operating temperature:** 

-20°C-70°C Waterproofing: IP68

Lens: 2.5 mm Microphone: no

Other parameters: heated

**CABLE** 



Video cable: 20 m (Aircraft

**CABLE** 

727927



Video cable: 5 m (Aircraft

#### **COMPLETE SET, 4 PIN**

12-24 V IP 68

Quad screen monitor - up to four images can be viewed simultaneously.





**MONITOR** 

Order code: **727962** 

**CAMERA** 



Monitor: 9" LCD Aspect ratio: 16:9

Video output: 4 × 4 pin cable Quad screen: displays up to four

images at once Option: PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB Power supply: 12/24 V

Consumption: ≥8.64 W Operating temperature: -10°C-65°C Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor

Order code: **727936** 



Sensor: 1/4" Sonv CCD

Resolution: 700 TV lines Field of view: 120° 18 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels,

P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -10 °C -65 °C Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

CABLE

Order code: **727928** 



Ordering code: 727964





#### **COMPLETE SET, 4 PIN**

**Ordering code: 727951** 

12-24 V IP 69k

Camera with self-closing lens hood - the lens hood is only revealed when reversing, otherwise the lens is protected for the entire driving time.





MONITOR

Order code: **728161** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 2 400 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W

**Operating temperature:** -20°C-70°C Automatic switch-on when reversing Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT, PL

Image: colour

Control: remote Accessories: sun visor **CAMERA** 

Order code: **723619** 



Sensor: 1/3" CCD Resolution: 420 TV lines Field of view: 130° 12 x LED: backlight dusk/night Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels Power supply: 12/24 V Min. illumination: 0.1 Lux

Operating temperature: -40 °C -70 °C Waterproofing: IP69k

**Lens:** 2.5 mm Microphone: no

Other parameters: heated Accessories: self-closing hood **CABLE** 

Order code: **727925** 



Video cable: 20 m (Aircraft type)

#### **COMPLETE SET, 4 PIN**

12-24 V IP 68 ()

Camera set with sound. Camera is equipped with a microphone. Monitor is equipped with a speaker.





**MONITOR** 

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 3 x 4 pin cable

Resolution: 800 × 480 RGB

Power supply: 12/24 V

Consumption: ≥8.64 W

according to outside light

Menu: EN, DE, FR, IT, PT

Accessories: sun visor

Image: colour

Speaker: yes

Control: remote

Option: PAL&NTSC, AUTO system

Operating temperature: -20 °C - 75 °C

Automatic switch-on when reversing

Automatic brightness adjustment

Order code: **728152** 

**CAMERA** 

Order code: **728064** 

Sensor: 1/4" Sonv CCD Resolution: 700 TV lines Field of view: 120°

18 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -10 °C -65 °C

Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: yes

Other parameters: heated

CABLE

Order code: **727928** 



Ordering code: **728150** 





**COMPLETE SET, 4 PIN** 

Ordering code: 727949









**MONITOR** 

Order code: **727968** 



Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote **CAMERA** 

Order code: **727955** 

CABLE

Video cable: 10 m (Aircraft type)

Order code: **727926** 



Sensor: 1/4" SHARP CCD Resolution: 420 TV lines Field of view: 120° 9 x LED: backlight dusk/night Night vision distance: 10.66 m Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels Power supply: 12/24 V Min. illumination: 0 Lux

**Operating temperature:** -20 °C - 70 °C Waterproofing: IP68 Lens: 2.5 mm

Microphone: no Other parameters: heated

12-24 V IP 68

**COMPLETE SET, 4 PIN** 





**MONITOR** 

Order code: **727950** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote **CAMERA** 

Order code: **727955** 



Sensor: 1/4" SHARP CCD Resolution: 420 TV lines Field of view: 120° 9 x LED: backlight dusk/night Night vision distance: 10.66 m

Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels Power supply: 12/24 V

Min. illumination: 0 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: no Other parameters: heated CABLE

Order code: **727926** 



**PARAMETERS** 

Ordering code: 727947

#### **COMPLETE SET, 4 PIN**

Ordering code: 727939

12-24 V IP 68



MONITOR

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × 4 pin cable

Resolution: 800 × 480 RGB

Power supply: 12/24 V

**Consumption:** ≥8.64 W

according to outside light

Accessories: sun visor

Menu: EN, DE, FR, ES, PT, IT

Buttons: touch

Image: colour

Control: remote

Option: PAL&NTSC, AUTO system

**Operating temperature:** -10°C-65°C

Automatic switch-on when reversing Automatic brightness adjustment

Order code: **727919** 



Sensor: 1/4" Sonv CCD Resolution: 700 TV lines Field of view: 120°

18 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -10°C-65°C Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

**CAMERA** 

Order code: **727936** 

**CABLE** 

Order code: **727938** 



1 x spiral cable N

1 x extension cable with socket N/5 m/ 4 pin

1 x extension cable with socket N/20 m/ 4 pin

#### **COMPLETE SET, 4 PIN**

12-24 V IP 68

Quad screen monitor – up to four images can be viewed simultaneously. Use for trailer/semi-trailer.



CAMERAS CAN BE ONNECTED eccommunication and

**MONITOR** 

Order code: **727916** 

**CAMERA** 

Order code: **727936** 

**CABLE** 

Order code: **727938** 



Monitor: 7" LCD

Aspect ratio: 16:9

Quad screen: displays up to four

images at once

Video output: 4 x 4 pin cable

Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB

Power supply: 12/24 V **Consumption:** ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour

Control: remote Accessories: sun visor



Sensor: 1/4" Sonv CCD

Resolution: 700 TV lines

Field of view: 120°

18 x LED: backlight dusk/night

Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -10 °C -65 °C

Waterproofing: IP68

**Lens:** 2.5 mm

Microphone: no

Other parameters: heated



**PARAMETERS** 

Ordering code: 727940

TO FOUR

**CHOSEN** 

1 x spiral cable N

1 × extension cable with socket N/5 m/4 pin

1 × extension cable with socket

N/20 m/4 pin







#### **COMPLETE SET, 4 PIN/AHD**

Ordering code: 727910





MONITOR

Monitor: 7" LCD

Aspect ratio: 16:9

Resolution: 1024×600

Power supply: 12/24 V

**Consumption:** ≥8.64 W

Video output: 2 × 4 pin cable

Option: PAL&NTSC, AUTO system

**Operating temperature:** -20°C-70°C

Automatic switch-on when reversing

**PARAMETERS** 

Order code: **728662** 

Order code: **728661** 



Sensor: 1/2.8 CMOS Resolution: 700 TV lines

Field of view: 110°

10 x LED: backlight dusk/night

Night vision distance: 7.62 m

Automatic night/day switching

**Resolution:** 1920 (H) × 1080 (V)

Other parameters: heated

Power supply: 12/24 V

Min. illumination: 0 Lux

**Operating temperature:** -40 °C - 60 °C

Automatic brightness adjustment Waterproofing: IP69k

according to outside light **Lens:** 2.5 mm Microphone: no

Menu: EN

Buttons: touch

Image: colour

**CAMERA** 



**CABLE** 

Video cable: 2 × 15 m (Aircraft type)

Order code: **727928** 

#### **COMPLETE SET, 4 PIN/AHD**

Ordering code: **728162** 

12-24 V IP 68 ()

Camera set with sound. Camera is equipped with a microphone. Monitor is equipped with a speaker.





**MONITOR** 

**CAMERA** 

Order code: **728112** 

CABLE

Order code: **727928** 

Video cable: 15 m (Aircraft type)

Order code: **728140** 

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 3 x 4 pin cable

Option: PAL&NTSC, AUTO system Resolution: 1024 × 600 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -20°C-70°C Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN Image: colour Control: remote

Accessories: sun visor

Sensor: 222 SONY/CMOS Resolution: 600 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: 1280 (H) × 960 (V)/NTSC: 1280 (H) × 960 (V)

Min. illumination: 0.1 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.5 mm

Power supply: 12/24 V

Microphone: no

Other parameters: heated



#### **COMPLETE RCA CABLE SET**

**Ordering code: 727932** 





**CABLE** 

Video cable: 10 m (RCA type)

Order code: **728061** 

MONITOR

Order code: **727918** 



**PARAMETERS** 

Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × RCA cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W Operating temperature: -10 °C -65 °C

Buttons: touch Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote Accessories: sun visor **CAMERA** 

Order code: **727954** 



Sensor: 1/4" Sonv CCD Resolution: 700 TV lines Field of view: 120° 18 x LED: backlight dusk/night Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels Power supply: 12/24 V

Min. illumination: 0 Lux

**Lens:** 2.5 mm

Microphone: no

Operating temperature: -10 °C -65 °C Waterproofing: IP68 Other parameters: heated

**COMPLETE RCA CABLE SET** 









The monitor supports the following file types: JPEG, BMP, MP3, AVI, DIVX, MP4, WMA, RMVB





**MONITOR** 

Order code: **727953** 

**CAMERA** 

Order code: **727954** 

Sensor: 1/4" Sonv CCD Resolution: 700 TV lines

Field of view: 120° 18 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels,

P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -10 °C -65 °C

Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

CABLE

Order code: **728061** 

**PARAMETERS** 

Ordering code: 727961

Video cable: 10 m (RCA type)



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 x RCA cable

Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12 V

**Consumption:** ≥8.64 W

Operating temperature: -10°C-65°C Buttons: touch

Automatic switch-on when reversing

Menu: EN Image: colour Control: remote

#### **COMPLETE SET, RCA CABLE/3RD BRAKE LIGHT**

Ordering code: 726326









UNIVERSAL USE FOR LKW, BUS, VAN

# **PARAMETERS**

MONITOR

Order code: **727918** 



Aspect ratio: 16:9 Video output: 2 x RCA cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W **Operating temperature:** -10°C-65°C

Buttons: touch Automatic switch-on when reversing

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour

Control: remote Accessories: sun visor **CAMERA** 

Order code: **727979** 



Video cable: 10 m (RCA type)

Sensor: 1/4" Sharp CCD Resolution: 420 TV lines Field of view: 120° 6 x LED: backlight dusk/night Night vision distance: 10 m Resolution: N: 976 × 494 pixels, P: 976 × 596 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

**COMPLETE SET, RCA CABLE/3RD BRAKE LIGHT** 

**Ordering code: 726327** 

12-24 V IP 68 LED MP5 Handsfree



The monitor supports the following file types: JPEG, BMP, MP3, AVI, DIVX, MP4, WMA, RMVB



H **●**K M NO V PAIR V1/V2 (5) TFT LCD TO TWO **CHOSEN CAMERAS** CAN BE

UNIVERSAL USE FOR LKW, BUS, VAN

# **PARAMETERS**

Order code: **727953** 

**CAMERA** 

Order code: **727979** 

CABLE

Order code: **728061** 

CONNECTED

Video cable: 10 m (RCA type)

**MONITOR** 

Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 x RCA cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12 V **Consumption:** ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch Automatic switch-on when reversing

Menu: EN

Image: colour Control: remote

Resolution: 420 TV lines Field of view: 120° 6 x LED: backlight dusk/night Night vision distance: 10 m Resolution: N: 976 × 494 pixels, P: 976 × 596 pixels Power supply: 12/24 V Min. illumination: 0 Lux Operating temperature: -20 °C - 70 °C

Sensor: 1/4" Sharp CCD

Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no Other parameters: heated

LED third brake light

#### **COMPLETE SET, RCA CABLE/3RD BRAKE LIGHT**

Ordering code: 726331



UNIVERSAL USE FOR LKW, BUS, VAN

# **PARAMETERS**

MONITOR

Order code: **727918** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × RCA cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W **Operating temperature:** -10°C-65°C Buttons: touch

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Automatic switch-on when reversing Image: colour Control: remote Accessories: sun visor

**CAMERA** 

Order code: **728070** 



**CABLE** 

Video cable: 10 m (RCA type)

Order code: **728061** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 70°/130° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68

Lens: 3.8 mm/2.9 mm Microphone: no Other parameters: heated



**COMPLETE SET, RCA CABLE/3RD BRAKE LIGHT** 

12-24 V IP 68 LED MP5 Handsfree

The monitor supports the following file types: JPEG, BMP, MP3, AVI, DIVX, MP4, WMA, RMVB



H **●**K M NO V PAIR V1/V2 (5) TFT LCD TO TWO **CHOSEN CAMERAS** 

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# **PARAMETERS**

CAN BE CONNECTED

Order code: **728061** 

**Ordering code: 726332** 

**MONITOR** 

Order code: **727953** 

**CAMERA** 

Order code: **728070** 

Video cable: 10 m (RCA type)

CABLE

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x RCA cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12 V **Consumption:** ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing

Image: colour Control: remote

Menu: EN

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 70°/130° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 Lens: 3.8 mm/2.9 mm Microphone: no

Other parameters: heated



Ordering code: 726300



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# **PARAMETERS**

Order code: **727919** 

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote Accessories: sun visor **CAMERA** 

Order code: **728016** 



Video cable: 10 m (Aircraft type)

### Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night

Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C

Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no Other parameters: heated

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726301** 



UNIVERSAL USE FOR LKW, BUS, VAN

# **PARAMETERS**

Order code: **727926** 

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728016** 

CABLE

Video cable: 10 m (Aircraft type)



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V **Consumption:** ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote

Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no Other parameters: heated

Sensor: 1/3" CMOS





Ordering code: 726335



# **PARAMETERS**

**MONITOR** Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch Automatic switch-on when reversing

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote Accessories: sun visor **CAMERA** 

Order code: **726382** 

**CABLE** 

Video cable: 10 m (Aircraft type)

Order code: **727926** 



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68

**Lens:** 2.9 mm Microphone: no Other parameters: heated

**COMPLETE SET, 4 PIN/3RD BRAKE LIGHT** 

Ordering code: **726336** 



CITROËN BERLINGO, PEUGEOT PARTNER 2008-2016

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

Order code: **726382** 

Monitor: 7" LCD Sensor: 1/3" CMOS Resolution: 800 TV lines

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Power supply: 12/24 V Consumption: ≥8.64 W

Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote **CAMERA** 

Field of view: 120°

**Resolution:** 762 (H) × 504 (V)

Min. illumination: 0.01 Lux

Other parameters: heated

Operating temperature: -20 °C -70 °C

Power supply: 12/24 V

Waterproofing: IP68

Lens: 2.9 mm

Microphone: no

CABLE Order code: **727926** 



Video cable: 10 m (Aircraft type)

Aspect ratio: 16:9

Resolution: 480 × 234 / 800 × 480 RGB

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: 726339



Order code: **726384** 

CITROËN JUMPER, FIAT DUCATO 2006-2018.3rd GENERATION, PEUGEOT BOXER

**CAMERA** 

# **PARAMETERS**

Order code: **727919** 

**MONITOR** 



Monitor: 7" LCD
Aspect ratio: 16:9
Video output: 2 × 4 pin cable
Option: PAL&NTSC, AUTO system
Resolution: 800 × 480 RGB
Power supply: 12/24 V
Consumption: ≥8.64 W
Operating temperature: -10 °C -65 °C
Buttons: touch
Automatic switch-on when reversing
Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Sensor: 1/3" CMOS
Resolution: 800 TV lines
Field of view: 120°
10 x LED: backlight dusk/night
Night vision distance: 10.66 m
Resolution: 762 (H) x 504 (V)
Power supply: 12/24 V
Min. illumination: 0.01 Lux
Operating temperature: -20 °C -70 °C
Waterproofing: IP68
Lens: 2.9 mm
Microphone: no
Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726340** 



CITROËN JUMPER, FIAT DUCATO 2006-2018.3rd GENERATION, PEUGEOT BOXER

# **PARAMETERS**

MONITOR 0

Order code: **727950** 

**CAMERA** 0

Order code: **726384** 

CABLE Order code: 727926



Monitor: 7" LCD
Aspect ratio: 16:9
Video output: 2 × 4 pin cable
Option: PAL&NTSC, AUTO system
Resolution: 480 × 234/800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C Buttons: touch Automatic switch-on when reversing

Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour
Control: remote

Field of view: 120°
10 × LED: backlight dusk/night
Night vision distance: 10.66 m
Resolution: 762 (H) × 504 (V)
Power supply: 12/24 V
Min. illumination: 0.01 Lux
Operating temperature: -20°C-70°C

Resolution: 800 TV lines

Sensor: 1/3" CMOS

Operating temperature: -20
Waterproofing: IP68
Lens: 2.9 mm
Microphone: no
Other parameters: heated



Video cable: 10 m (Aircraft type)



Ordering code: 726341



FIAT DOBLÒ 2010, OPEL COMBO 2011-2018

Order code: **727919** 

# **PARAMETERS**

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Order code: **726389** 

**CAMERA** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

**Ordering code: 726342** 



FIAT DOBLÒ 2010, OPEL COMBO 2011-2018

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Sensor: 1/3" CMOS

Resolution: 800 TV lines

Order code: **726389** 

CABLE Order code: **727926** 



Video cable: 10 m (Aircraft type)

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Control: remote

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU Image: colour

Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 Lens: 2.9 mm Microphone: no Other parameters: heated

Ordering code: **726302** 



Order code: **728015** 

FIAT DUCATO 2006–2015, PEUGEOT BOXER, CITROËN JUMPER

**CAMERA** 

# **PARAMETERS**

**MONITOR** 

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726303** 



FIAT DUCATO 2006-2015, PEUGEOT BOXER, CITROËN JUMPER

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728015** 



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V **Consumption:** ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote Sensor: 1/3" CMOS

Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m

**Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

Ordering code: 726304



FIAT DUCATO 2006–2015, PEUGEOT BOXER, CITROËN JUMPER

# **PARAMETERS**

**MONITOR** 

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch Automatic switch-on when reversing

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour

Order code: **728014** 

**CAMERA** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726305** 



FIAT DUCATO 2006-2015, PEUGEOT BOXER, CITROËN JUMPER

# **PARAMETERS**

Order code: **727926** 

**MONITOR** 

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 x 4 pin cable

Power supply: 12/24 V

**Consumption:** ≥8.64 W

Buttons: touch

Image: colour

Control: remote

Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB

Operating temperature: -10°C-65°C

Automatic switch-on when reversing

Order code: **727950** 

**CAMERA** Order code: **728014** 



Video cable: 10 m (Aircraft type)

CABLE

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120°

Power supply: 12/24 V

10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V)

Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Menu: EN, DE, FR, ES, PT, IT, RU Other parameters: heated

Control: remote Accessories: sun visor

Ordering code: 726333



FORD TRANSIT 2012–2015 TWO DOORS (for double rear doors)

# **PARAMETERS**

**MONITOR** 

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment

according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour Control: remote Accessories: sun visor



Order code: **726381** 

**CAMERA** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726334** 



FORD TRANSIT 2012–2015 TWO DOORS (for double rear doors)

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726381** 

CABLE Order code: **727926** 



10 x LED: backlight dusk/night

**Consumption:** ≥8.64 W Operating temperature: -10 °C -65 °C

Buttons: touch

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 x 4 pin cable

Power supply: 12/24 V

Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120°

Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no Other parameters: heated





Ordering code: 726347



**FORD TRANSIT 2014–2017** 

**MONITOR** 

# **PARAMETERS**

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor **CAMERA** 

Order code: **726401** 



Video cable: 10 m (Aircraft type)

Resolution: 800 TV lines Field of view: 120° 8 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C

Waterproofing: IP68 **Lens:** 2.9 mm

Sensor: 1/3" CMOS

Microphone: no

Other parameters: heated

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726348** 



**FORD TRANSIT 2012–2015** 

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726401** 

CABLE

Order code: **727926** 



Video cable: 10 m (Aircraft type)

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 x 4 pin cable

Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour

Control: remote

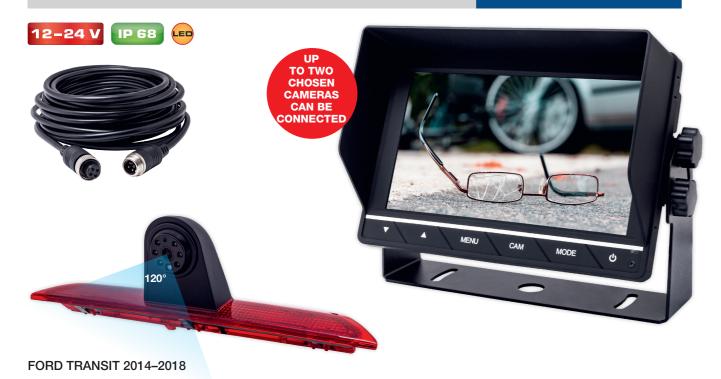
Resolution: 800 TV lines Field of view: 120° 8 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Sensor: 1/3" CMOS

Other parameters: heated

Ordering code: 726308



# **PARAMETERS**

**MONITOR** 

Alvalvie i e i c

Order code: **727919** 



Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × 4 pin cable

Option: PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB

Power supply: 12/24 V

Consumption: ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing

Automatic switch-on when reversing
Automatic brightness adjustment
according to outside light
Menu: EN, DE, FR, ES, PT, IT

Menu: EN, DE, FR, ES, PT, IT Image: colour

Image: colour
Control: remote
Accessories: sun visor

CAMERA Order code: 728013



Sensor: 1/3" CMOS
Resolution: 800 TV lines
Field of view: 120°
10 × LED: backlight dusk/night
Night vision distance: 10.66 m
Resolution: 762 (H) × 504 (V)
Power supply: 12/24 V
Min. illumination: 0.01 Lux
Operating temperature: -20°C-70°C
Waterproofing: IP68
Lens: 2.9 mm
Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726309** 



# **PARAMETERS**

MONITOR

Order code: **727950** 

CAMERA

Order code: **728013** 

CABLE Order code: 727926



Video cable: 10 m (Aircraft type)



Monitor: 7" LCD
Aspect ratio: 16:9
Video output: 2 × 4 pin cable
Option: PAL&NTSC, AUTO system
Resolution: 480 × 234/800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Menu: EN, DE, FR, ES, PT, IT, RU Image: colour

Control: remote

Sensor: 1/3" CMOS
Resolution: 800 TV lines

Field of view: 120°
10 × LED: backlight dusk/night
Night vision distance: 10.66 m
Resolution: 762 (H) × 504 (V)
Power supply: 12/24 V

Min. illumination: 0.01 Lux

Operating temperature: -20 °C -70 °C

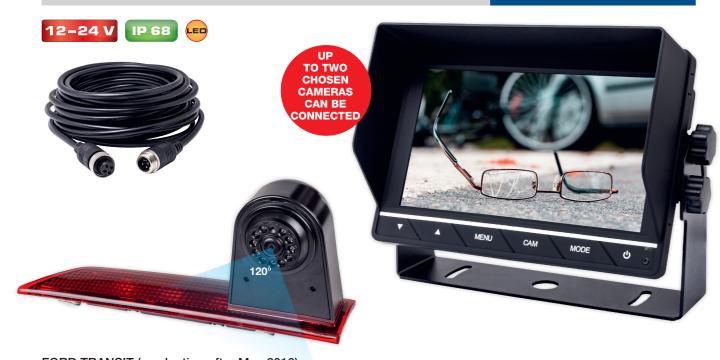
Waterproofing: IP68

Lens: 2.9 mm

Microphone: no

Other parameters: heated

**Ordering code: 726349** 



FORD TRANSIT (production after May 2016)

Order code: **727919** 

# **PARAMETERS**

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch Automatic switch-on when reversing

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour Control: remote

Accessories: sun visor

Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

**CAMERA** 



Sensor: 1/3" CMOS Operating temperature: -20 °C -70 °C

Other parameters: heated

Order code: **726402** 



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726350** 



FORD TRANSIT (production after May 2016)

# **PARAMETERS**

Order code: **727926** 

CABLE

**MONITOR** Order code: **727950** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V

Consumption: ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote **CAMERA** Order code: **726402** 



Sensor: 1/3" CMOS Video cable: 10 m (Aircraft type)



Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no Other parameters: heated





#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: 726353



IVECO DAILY 2015-2017

**MONITOR** 

# **PARAMETERS**

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote

Accessories: sun visor

**CAMERA** 

Field of view: 120°

**Resolution:** 762 (H) × 504 (V)

Min. illumination: 0.01 Lux

Other parameters: heated

Operating temperature: -20 °C -70 °C

Power supply: 12/24 V

Waterproofing: IP68

**Lens:** 2.9 mm

Microphone: no

Order code: **726404** 

**CABLE** Order code: **727926** 

Video cable: 10 m (Aircraft type) Sensor: 1/3" CMOS Resolution: 800 TV lines

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726354** 



# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726404** 

CABLE Order code: **727926** 



Video cable: 10 m (Aircraft type)

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable

Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour

Control: remote

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 Lens: 2.9 mm Microphone: no Other parameters: heated

Ordering code: 726351



**MERCEDES SPRINTER** 

**MONITOR** 

# **PARAMETERS**

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote

Accessories: sun visor

**CAMERA** Order code: **726403** 



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

**Ordering code: 726352** 



# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726403** 

CABLE



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V)

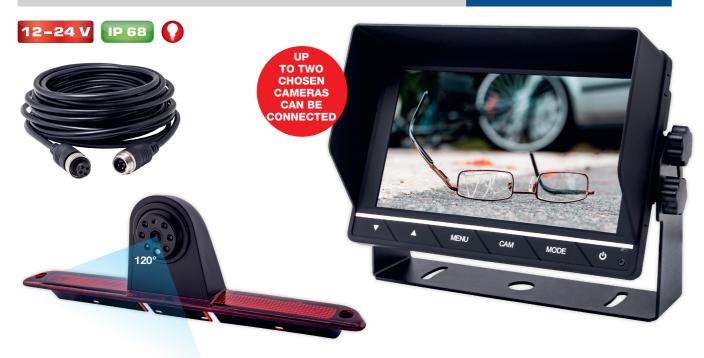
Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated



Ordering code: 726314



MERCEDES SPRINTER, VOLKSWAGEN CRAFTER 2007-2015

Order code: **727919** 

# **PARAMETERS**

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment

according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor **CAMERA** Order code: **728017** 



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726315** 



MERCEDES SPRINTER, VOLKSWAGEN CRAFTER 2007-2015

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728017** 

CABLE Order code: **727926** 



Monitor: 7" LCD Sensor: 1/3" CMOS Aspect ratio: 16:9 Video output: 2 x 4 pin cable

Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote

Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

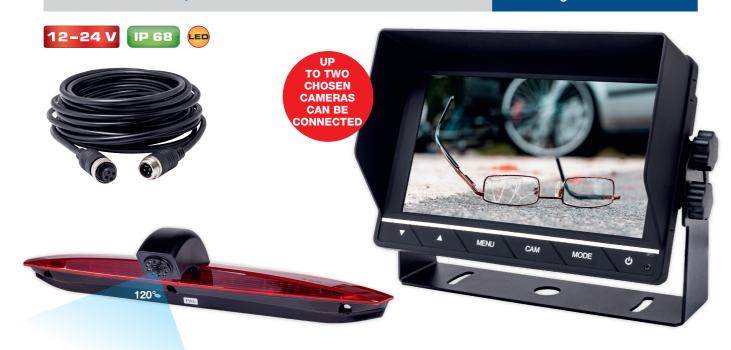
Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no Other parameters: heated





Ordering code: 726337



MERCEDES VITO 2016 VAN TWO DOORS (for double rear doors)

# **PARAMETERS**

**MONITOR** 

Order code: **727919** 

**CAMERA** Order code: **726383** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable

Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V

**Consumption:** ≥8.64 W Operating temperature: -10 °C -65 °C

Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor

Microphone: no Other parameters: heated



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 8 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726338** 



MERCEDES VITO 2016 VAN TWO DOORS (for double rear doors)

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726383** 

CABLE



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote Field of view: 120° 8 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux

Resolution: 800 TV lines

Sensor: 1/3" CMOS

Operating temperature: -20 °C - 70 °C Waterproofing: IP68

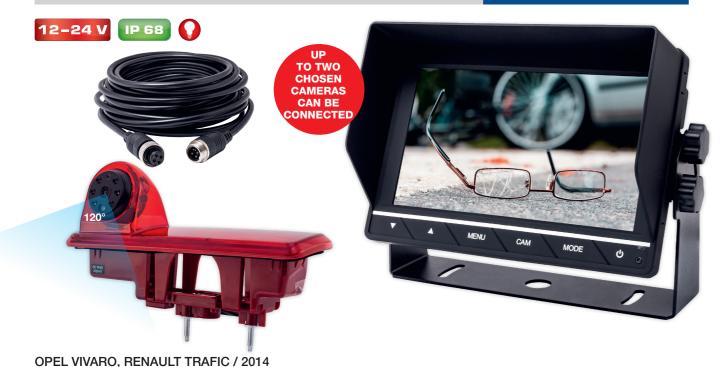
**Lens:** 2.9 mm Microphone: no Other parameters: heated





#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: 726316



# **PARAMETERS**

Order code: **727919** 

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment

according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour Control: remote

Accessories: sun visor

Order code: **728020** 

**CAMERA** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated

CABLE Order code: **727926** 

Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726317** 



# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728020** 

Order code: **727926** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



**Ordering code: 726312** 



**MERCEDES VITO 2016** 

**MONITOR** 

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × 4 pin cable

Resolution: 800 × 480 RGB

Power supply: 12/24 V

**Consumption:** ≥8.64 W

according to outside light

Buttons: touch

Control: remote Accessories: sun visor

Option: PAL&NTSC, AUTO system

**Operating temperature:** -10 °C -65 °C

Automatic switch-on when reversing

Automatic brightness adjustment

# **PARAMETERS**

Order code: **727919 CAMERA**  Order code: **727999** 



Sensor: 1/3" CMOS

Resolution: 800 TV lines

Field of view: 120°

10 x LED: backlight dusk/night

Night vision distance: 10.66 m

**Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V

Min. illumination: 0.01 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Menu: EN, DE, FR, ES, PT, IT Other parameters: heated Image: colour

Order code: **727926** 



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726313** 



**PARAMETERS** 

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Sensor: 1/3" CMOS

Resolution: 800 TV lines

Order code: **727999** 

CABLE Order code: **727926** 



Video cable: 10 m (Aircraft type)

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 x 4 pin cable

Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V

Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour

Control: remote

Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Ordering code: 726318



OPEL VIVARO, OPEL COMBO, RENAULT TRAFIC/2001-2014

Order code: **727919** 

# **PARAMETERS**

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Order code: **728011** 

**CAMERA** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

**Ordering code: 726319** 



OPEL VIVARO, OPEL COMBO, RENAULT TRAFIC/2001-2014

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** Order code: **728011** 

Sensor: 1/3" CMOS Field of view: 120°

> Power supply: 12/24 V Min. illumination: 0.01 Lux

Waterproofing: IP68 **Lens:** 2.9 mm

Image: colour Control: remote

Power supply: 12/24 V

Consumption: ≥8.64 W

Buttons: touch

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 x 4 pin cable

Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB

Operating temperature: -10°C-65°C

Automatic switch-on when reversing

Menu: EN, DE, FR, ES, PT, IT, RU

Resolution: 800 TV lines 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Operating temperature: -20 °C - 70 °C Microphone: no Other parameters: heated



Video cable: 10 m (Aircraft type)

Ordering code: **726320** 



PEUGEOT EXPERT, CITROËN SPACETOURER, TOYOTA PROACE 2016

# **PARAMETERS**

**MONITOR** 

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour Control: remote



Sensor: 1/3" CMOS Resolution: 700 TV lines Field of view: 120° 1 x LED: backlight dusk/night Night vision distance: 8.20 m **Resolution:** 976 (H) × 592 (V) Power supply: 12/24 V Min. illumination: 0 Lux Operating temperature: -20 °C - 70 °C Waterproofing: IP68 **Lens:** 1.7 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726321** 



PEUGEOT EXPERT, CITROËN SPACETOURER, TOYOTA PROACE 2016

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728000** 

CABLE Order code: **727926** 

Video cable: 10 m (Aircraft type)

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote 1 x LED: backlight dusk/night Night vision distance: 8.20 m **Resolution:** 976 (H) × 592 (V) Power supply: 12/24 V Min. illumination: 0 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 1.7 mm Microphone: no

Sensor: 1/3" CMOS

Field of view: 120°

Resolution: 700 TV lines

Other parameters: heated



Accessories: sun visor

**Ordering code: 726322** 



RENAULT MASTER 2010-2016

**MONITOR** 

# **PARAMETERS**

Order code: **727919** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Buttons: touch Automatic brightness adjustment

**Operating temperature:** -10 °C -65 °C Automatic switch-on when reversing according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour Control: remote Accessories: sun visor

**CAMERA** Order code: **728021** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

**Ordering code: 726323** 



RENAULT MASTER 2010-2016

# **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** Order code: **728021** 



Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C Buttons: touch

Monitor: 7" LCD

Aspect ratio: 16:9

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C Waterproofing: IP68

**Lens:** 2.9 mm

Microphone: no Other parameters: heated



#### **COMPLETE SET, RCA/3RD BRAKE LIGHT**

**Ordering code: 726324** 



CITROËN JUMPY, PEUGEOT EXPERT, TOYOTA PROACE / 2007-2016

# **PARAMETERS**

Order code: **727919** 

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment

according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote Accessories: sun visor





Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, RCA/3RD BRAKE LIGHT**

**Ordering code: 726325** 



CITROËN JUMPY, PEUGEOT EXPERT, TOYOTA PROACE / 2007-2016

# **PARAMETERS**

Order code: **727926** 

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728032** 



CABLE

Video cable: 10 m (Aircraft type)

Monitor: 7" LCD

Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Control: remote

Menu: EN, DE, FR, ES, PT, IT, RU Image: colour

Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C Waterproofing: IP68

**Lens:** 2.9 mm Microphone: no Other parameters: heated

Sensor: 1/3" CMOS



**Ordering code: 726310** 



VOLKSWAGEN CADDY 2003-2015

# **PARAMETERS**

**MONITOR** 



Order code: **727919** 

Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote Accessories: sun visor **CAMERA** 

Order code: **728030** 



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated

**CABLE** Order code: **727926** 



Video cable: 10 m (Aircraft type)

#### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726311** 



VOLKSWAGEN CADDY 2003-2015

# **PARAMETERS**

Order code: **727926** 

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728030** 



CABLE

Video cable: 10 m (Aircraft type)

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated



### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: 726328



### **PARAMETERS**

Order code: **727919 MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W **Operating temperature:** -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor **CAMERA** 

Order code: **728059** 



Video cable: 10 m (Aircraft type)

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated

**COMPLETE SET, 4 PIN/3RD BRAKE LIGHT** 

**Ordering code: 726329** 



**PARAMETERS** 

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **728059** 



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote

Sensor: 1/3" CMOS Resolution: 800 TV lines

Field of view: 120° **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)

### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

**Ordering code: 726343** 



VW T6 2016 (production after May 2016). FOR ONE REAR DOOR.

### **PARAMETERS**

Order code: **727919** 

**MONITOR** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Operating temperature: -10 °C -65 °C Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor

Microphone: no Other parameters: heated



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm



Video cable: 10 m (Aircraft type)

### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726344** 



VW T6 2016 (production after May 2016). FOR ONE REAR DOOR.

### **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726390** 

CABLE Order code: **727926** 



Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 480 × 234 / 800 × 480 RGB

Power supply: 12/24 V **Consumption:** ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated



Video cable: 10 m (Aircraft type)



### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

**Ordering code: 726345** 



VW T6 2016 (production after May 2016). FOR ONE REAR DOOR.

### **PARAMETERS**

Order code: **727919** 



**MONITOR** 

Monitor: 7" LCD Aspect ratio: 16:9 Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W Buttons: touch Automatic switch-on when reversing Automatic brightness adjustment

Operating temperature: -10 °C -65 °C according to outside light Menu: EN, DE, FR, ES, PT, IT Image: colour Control: remote Accessories: sun visor

**CAMERA** Order code: **726399** 

Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated

**CABLE** Order code: **727926** 

Video cable: 10 m (Aircraft type)

### **COMPLETE SET, 4 PIN/3RD BRAKE LIGHT**

Ordering code: **726346** 



VW T6 2016 (production after May 2016). FOR ONE REAR DOOR.

### **PARAMETERS**

**MONITOR** 

Order code: **727950** 

**CAMERA** 

Order code: **726399** 

CABLE Order code: **727926** 



Video cable: 10 m (Aircraft type)

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 480 × 234 / 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing Menu: EN, DE, FR, ES, PT, IT, RU

Image: colour Control: remote Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C -70 °C Waterproofing: IP68 Lens: 2.9 mm

Microphone: no Other parameters: heated





## **CAMERAS**



### **REVERSE CAMERA, 4 PIN**

Ordering code: 727936

12-24 V IP 68





Sensor: 1/4" Sony CCD Resolution: 700 TV lines Field of view: 120° 18 x LED: backlight dusk/night Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels Power supply: 12/24V Min. illumination: 0 Lux Operating temperature: -10 °C - 65 °C Waterproofing: IP68

Microphone: no Other parameters: heated

**Lens:** 2.5 mm

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

**REVERSE CAMERA, 4 PIN** 

Ordering code: 728027





Sensor: 1/3" CMOS Resolution: 700 TV lines Field of view: 150° 2 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 976 (H) × 592 (V) Power supply: 12/24 V Min. illumination: 0.1 Lux Operating temperature: -20°C-70°C Waterproofing: IP68 Lens: 1.98 mm

Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN**

12-24 V IP 68



Ordering code: **728043** 

**Resolution:** 600 TV lines

Field of view: 120°

10 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels,

P: 500 x 582 pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP68

Lens: 2.5 mm

Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN**





Ordering code: **728028** 

Sensor: CMOS

**Resolution:** 700 TV lines

Field of view: 120°/45°

15 x + 15 x LED: backlight dusk/

night

Night vision distance: 14 m

**Resolution:** 968 (H) × 488 (V)

Power supply: 12/24 V Min. illumination: 0.1 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68

**Lens:** 2.8 mm

Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type). Dual camera with two lenses. One lens shows the image in the distance. The second lens takes a closer look at the area directly behind the vehicle. Particularly suitable for quad screen monitors, where you can watch both camera images at the same time.





### **REVERSE CAMERA, 4 PIN**

**Ordering code: 723619** 





Sensor: 1/3" CCD Resolution: 420 TV lines Field of view: 130° 12 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0.1 Lux

Operating temperature: -40 °C-70 °C

Waterproofing: IP69k

**Lens:** 2.5 mm Microphone: no

Other parameters: heated, self-

closing hood

The camera is only suitable for the 728161 monitor (p. 116). The self-closing hood only communicates with this monitor.

**REVERSE CAMERA, 4 PIN** 

Ordering code: 728064









Sensor: 1/4" Sony CCD Resolution: 700 TV lines Field of view: 120°

18 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels,

P: 500 × 582 pixels Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -10 °C -65 °C

Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: yes

Other parameters: heated

The camera is suitable for the 728152 monitor (p. 118). The camera can be used for any other monitor, but it will not transmit sound. For this reason, the 728152 monitor is recommended as it has a speaker.

### **REVERSE CAMERA, 4 PIN**

12-24 V IP 68





**Ordering code: 727923** 

Resolution: 600 TV lines Field of view: 120°

9 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN**

12-24 V IP 68



Ordering code: 728048

Sensor: CMOS **Resolution:** 600 TV lines

Field of view: 120° 6 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68 Lens: 2.5 mm

Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).





### **REVERSE CAMERA, 4 PIN**

Ordering code: 728041



Sensor: CMOS Resolution: 600 TV lines

Field of view: 120° 5 x LED: backlight dusk/night

Night vision distance: 8 m Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20°C-70°C

Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type). The camera is mounted, for example, to a mirror holder, etc. It can be mounted on a round bar (mirror holder) with a maximum diameter of 90 mm.

**REVERSE CAMERA, 4 PIN** 

Ordering code: 728044

12-24 V IP 68



Sensor: CMOS

**Resolution:** 600 TV lines

Field of view: 120°

5 x LED: backlight dusk/night

Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68

**Lens:** 2.5 mm

Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN**

Ordering code: 727956

12-24 V IP 68



Resolution: 420 TV lines

Field of view: 120°

9 x LED: backlight dusk/night

Night vision distance: 7.62 m Resolution: N: 512 × 582 pixels,

P: 512 × 492 pixels

Power supply: 12/24 V Min. illumination: 0.2 Lux

Operating temperature: -20 °C - 75 °C

Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN**

Ordering code: **727955** 



Sensor: 1/4" SHARP CCD Resolution: 420 TV lines

Field of view: 120°

9 x LED: backlight dusk/night

Night vision distance: 10.66 m

Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C Waterproofing: IP68

Lens: 2.5 mm

Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type).





CAMERAS

### **REVERSE CAMERA, 4 PIN**

Ordering code: 728055



**PARAMETERS** 

Sensor: CMOS Resolution: 600 TV lines Field of view: 120°/45°

6 x + 6 x LED: backlight dusk/night

Night vision distance: 8 m Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V Min. illumination: 0.1 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68

Lens: 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable – 4 pin (aircraft type). Dual camera with two lenses. One lens shows the image in the distance. The second lens takes a closer look at the area directly behind the vehicle. Particularly suitable for quad screen monitors where you can watch both images at the same time.

**REVERSE CAMERA, 4 PIN/AHD** 

**Ordering code: 728114** 



IP 68



**PARAMETERS** 

Sensor: 222 SONY/CMOS Resolution: 600 TV lines Field of view: 120° Night vision: no

**Resolution:** 1280 (H) × 720 (V)/ 1280 (H) × 720 (V)

Power supply: 12/24 V

Min. illumination: 0.1 Lux/0 Lux Operating temperature: -20 °C -60 °C

Waterproofing: IP68 Lens: 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all AHD monitors with video cable – 4 PIN (aircraft type).

### **REVERSE CAMERA, 4 PIN/INTERIOR CAMERA**

Ordering code: 728042

12-24 V



### **PARAMETERS**

Sensor: CMOS

Resolution: 600 TV lines

Field of view: 120°

24 x LED: backlight dusk/night

Night vision distance: 8 m

**Resolution:** N:  $510 \times 492$  pixels, P:  $500 \times 582$  pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20°C-70°C

Waterproofing: no

Lens: 2.5 mm

Microphone: no

Other parameters: heated

Interior camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN/INTERIOR CAMERA**

IOL CAMENA, 4 PIN/INTENION CAMEN

12-24 V IP 68



Ordering code: 727924

ARAMETERS

Sensor: 1/4" SHARP CCD Resolution: 600 TV lines

Field of view: 120°

24 x LED: backlight dusk/night

Night vision distance: 7.62 m

**Resolution:** N:  $510 \times 492$  pixels, P:  $500 \times 582$  pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68

Lens: 2.5 mm

Microphone: no

Other parameters: heated

Interior camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

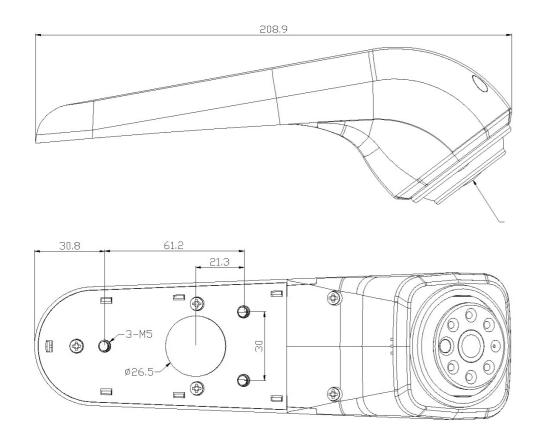




CAMERAS

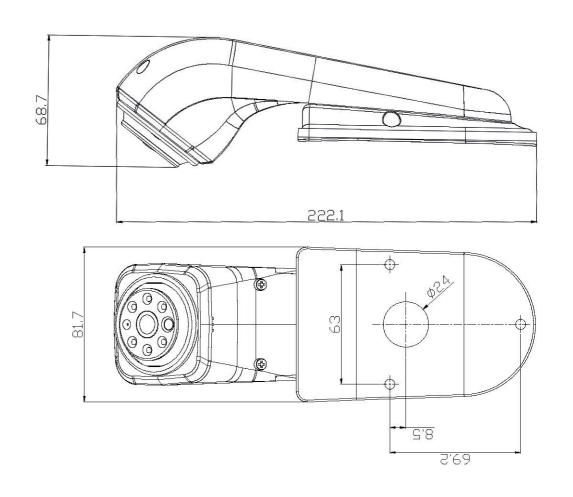
### **REVERSE CAMERA, 4 PIN Ordering code: 728022** 12-24 V IP 68 Sensor: 1/3" Sony CCD Resolution: 700 TV lines Field of view: 160° 6 x LED: backlight dusk/night Night vision distance: 10.66 m Resolution: N: 768 × 582 pixels, P: 768 × 494 pixels Power supply: 12/24 V Min. illumination: 0 Lux Operating temperature: -20°C-70°C Waterproofing: IP68 **Lens:** 2.6 mm Microphone: no Other parameters: heated

**VOLKSWAGEN CRAFTER 2017** 





**VOLKSWAGEN CRAFTER 2017** 



### **REVERSE CAMERA, 4 PIN/SPECIAL**

Ordering code: **728025** 



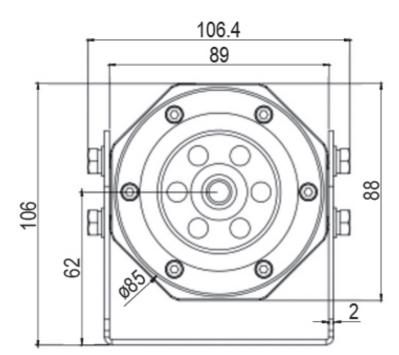






### **PARAMETERS**

Sensor: CMOS
Resolution: 700 TV lines
Field of view: 85°
24 x LED: backlight dusk/night
Night vision distance: 13 m
<b>Resolution:</b> 976 (H) × 592 (V)
Power supply: 12/24 V
Min. illumination: 0.1 Lux
Operating temperature: -20 °C - 70 °C
Waterproofing: IP68
Lens: 3.6 mm
Resistance: 1.0 Vp-p/75 ohm
Electric current: 65±5 mA
Microphone: no
Other parameters: heated



Camera with reinforced fire protection. Particularly suitable for vehicles carrying fuel or other explosive substances. Suitable for fire engines, mining machines, or military purposes. The camera has reinforced protective glass. The shell is made of 304 stainless steel.

The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **REVERSE CAMERA, 4 PIN/SPECIAL**

Ordering code: 728029

12-24 V IP 68



Resolution: 700 TV lines Field of view: 120°

8 x LED: backlight dusk/night

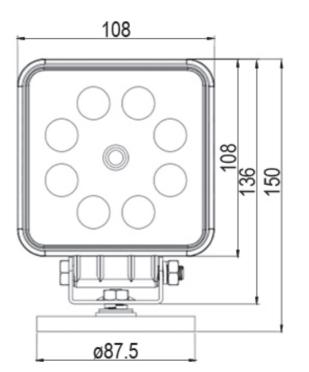
Night vision distance: 40 m **Resolution:** 968 (H) × 488 (V) Power supply: 12/24 V

Min. illumination: 0.1 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68

Lens: 5.68 mm Microphone: no

Other parameters: heated



Led worklight with magnetic attachment and integrated camera -1,154 lumen. The camera is suitable for all monitors with video cable – 4 pin (aircraft type).





### **REVERSE CAMERA, 4 PIN/AHD**

**Ordering code: 728112** 









Sensor: 222 SONY/CMOS Resolution: 600 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 7.62 m **Resolution:** 1280 (H) × 960 (V)/ 1280 (H) × 960 (V) Power supply: 12/24 V Min. illumination: 0.1 Lux

Operating temperature: -20°C-70°C Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: yes

Other parameters: heated

The camera is suitable for all AHD monitors with video cable – 4 PIN (aircraft type).

**REVERSE CAMERA, 4 PIN/AHD** 

12-24 V IP 68 (I)







Ordering code: 728111

Sensor: 222 SONY/CMOS Resolution: 600 TV lines Field of view: 120° 5 x LED: backlight dusk/night

Night vision distance: 7.62 m **Resolution:** 1280 (H) × 960 (V)/

1280 (H) × 960 (V)

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C -50 °C

Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: yes

Other parameters: heated

The camera is suitable for all AHD monitors with video cable – 4 PIN (aircraft type).

**REVERSE CAMERA, 4 PIN/AHD** 

12-24 V IP 68 ()







**Ordering code: 728110** 

Resolution: 600 TV lines

Field of view: 120° 5 x LED: backlight dusk/night

Night vision distance: 7.62 m **Resolution:** 1280 (H) × 960 (V)/ 1280 (H) × 960 (V)

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C - 50 °C

Waterproofing: IP68

Lens: 2.5 mm Microphone: yes

Other parameters: heated

The camera is suitable for all AHD monitors with video cable – 4 PIN (aircraft type).

### **REVERSE CAMERA, 4 PIN/AHD**

12-24 V IP 69k





Ordering code: 728661

Sensor: 1/2.8 CMOS Resolution: 700 TV lines Field of view: 110°

10 x LED: backlight dusk/night

Night vision distance: 7.62 m Function: automatic night/day

switching

**Resolution:** 1920 (H) × 1080 (V) Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -40 °C -60 °C Waterproofing: IP69k

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all AHD monitors with video cable – 4 PIN (aircraft type).





### **REVERSE CAMERA, RCA CABLE**

**Ordering code: 727954** 

12-24 V IP 68



The camera is suitable for all monitors with video cable - RCA.

Sensor: 1/4" Sony CCD Resolution: 700 TV lines Field of view: 120° 18 x LED: backlight dusk/night Night vision distance: 7.62 m Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels Power supply: 12/24 V Min. illumination: 0 Lux Operating temperature: -10 °C - 65 °C Waterproofing: IP68 **Lens:** 2.5 mm Microphone: no Other parameters: heated

### **REVERSE CAMERA, RCA CABLE**

12-24 V IP 68



Ordering code: **728035** 

Resolution: 600 TV lines Field of view: 120°

9 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP68

**Lens:** 2.5 mm Microphone: no

Other parameters: heated

The camera is suitable for all monitors with video cable - RCA.

### **REVERSE CAMERA, RCA CABLE**

Ordering code: 728026





Sensor: CMOS **Resolution:** 600 TV lines Field of view: 150° 5 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 728 (H) × 488 (V) Power supply: 12/24 V Min. illumination: 0.1 Lux Operating temperature: -20°C-70°C Waterproofing: IP68

**Lens:** 1.7 mm Microphone: no

Other parameters: heated

Screw spacing: 170 - 185 mm

**REVERSE CAMERA, RCA CABLE** 

12-24 V



Ordering code: **728057** 

Sensor: 1/3" SHARP CCD Resolution: 600 TV lines Field of view: 113°

10 x LED: backlight dusk/night

Night vision distance: 11 m Resolution: N: 768 × 494 pixels, P: 752 × 582 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

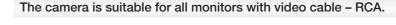
Operating temperature: -20 °C -70 °C

Waterproofing: no

Lens: 2.8 mm Microphone: no

Other parameters: unheated

The camera is suitable for all monitors with video cable – RCA.





### REVERSE CAMERA, RCA CABLE WITH REVERSING SIGNAL

Ordering code: **728033** 

12-24 V IP 68





Sensor: CMOS Resolution: 480 TV lines Field of view: 120° 2 x LED: backlight dusk/night Night vision distance: 9.8 m Resolution: 640 × 480 pixels Power supply: 12/24 V Min. illumination: 0.1 Lux Operating temperature: -20°C-70°C Waterproofing: IP68 Lens: 1.7 mm Microphone: no

Other parameters: heated

BEEP/BUZZER Sound: 100 dB

The camera is suitable for all monitors with video cable - RCA.

### **REVERSE CAMERA, RCA CABLE**

Ordering code: 728065







Sensor: CMOS Resolution: 480 TV lines Field of view: 92° Night vision: no Resolution: 648 × 488 pixels Power supply: 12/24 V Min. illumination: 0.5 Lux Operating temperature: -20°C-70°C Waterproofing: IP68 Microphone: no

Other parameters: unheated

The camera is suitable for all monitors with video cable – RCA.

### **REVERSE CAMERA, RCA CABLE**

Ordering code: 728066

12-24 V IP 68



Resolution: 480 TV lines

Field of view: 92°

Night vision distance: 1 m Resolution: 648 x 488 pixels

Power supply: 12/24 V

Min. illumination: 0.5 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP68

Microphone: no

Other parameters: unheated

The camera is suitable for all monitors with video cable - RCA.

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 727979

12-24 V IP 68









Sensor: 1/4" Sharp CCD Resolution: 420 TV lines

Field of view: 120°

6 x LED: backlight dusk/night Night vision distance: 10 m

Resolution: N: 976 × 494 pixels, P: 976 × 596 pixels

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP68

Lens: 2.5 mm

Microphone: no

Other parameters: heated

LED third brake light

UNIVERSAL USE FOR LKW, BUS, VAN

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - RCA.



### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728070





Resolution: 800 TV lines Field of view: 70°/130° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20°C-70°C Waterproofing: IP68

Lens: 3.8 mm/2.9 mm Microphone: no

Other parameters: heated

UNIVERSAL USE FOR LKW, BUS, VAN

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - RCA.

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728016

12-24 V



Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm

Microphone: no

Other parameters: heated

UNIVERSAL USE FOR LKW, BUS, VAN

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

**Ordering code: 726382** 

12-24 V IP 68 LED





**Resolution: 800 TV lines** Field of view: 120°

**Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated

### CITROËN BERLINGO, PEUGEOT PARTNER 2008-2016

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 726384

12-24 V IP 68





Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120°

10 x LED: backlight dusk/night

Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20°C-70°C

Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no Other parameters: heated

CITROËN JUMPER, FIAT DUCATO 2006-2018.3rd GENERATION, PEUGEOT BOXER

Third brake light with reverse camera. The camera is suitable for all monitors with video cable – 4 pin (aircraft type).



### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 726389

12-24 V IP 68 LED





Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm

Microphone: no

Other parameters: heated

FIAT DOBLÒ 2010, OPEL COMBO 2011-2018

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728015







Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Sensor: 1/3" CMOS

Other parameters: heated

FIAT DUCATO 2006-2015, PEUGEOT BOXER, CITROËN JUMPER

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728014

12-24 V IP 68 LED





**Resolution: 800 TV lines** 

Field of view: 120°

10 x LED: backlight dusk/night Night vision distance: 10.66 m

**Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated

FIAT DUCATO 2006-2015, PEUGEOT BOXER, CITROËN JUMPER

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

12-24 V IP 68



Ordering code: 726381

Sensor: 1/3" CMOS

**Resolution:** 800 TV lines

Field of view: 120° 10 x LED: backlight dusk/night

Night vision distance: 10.66 m

**Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated

FORD TRANSIT 2012-2015 TWO DOORS (for double rear doors)

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).



### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 726401







Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 8 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated

### **FORD TRANSIT 2014–2017**

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728013





Sensor: 1/3" CMOS

Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated

### **FORD TRANSIT 2014–2018**

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

**Ordering code: 726402** 

12-24 V IP 68 LED





**Resolution: 800 TV lines** 

Field of view: 120° 10 x LED: backlight dusk/night

Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 **Lens:** 2.9 mm

Microphone: no

Other parameters: heated

FORD TRANSIT 2016 (production after May 2016)

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 726404

12-24 V IP 68





Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20 °C - 70 °C Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated

IVECO DAILY 2015-2017

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).





### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 726403







Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120°

**Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20°C-70°C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated

### MERCEDES SPRINTER

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728017







Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120°

10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm

Microphone: no

Other parameters: heated

### MERCEDES SPRINTER, VOLKSWAGEN CRAFTER 2007-2015

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 727999

12-24 V IP 68





**Resolution: 800 TV lines** Field of view: 120°

10 x LED: backlight dusk/night

Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux

Operating temperature: -20 °C - 70 °C Waterproofing: IP68

**Lens:** 2.9 mm Microphone: no

Other parameters: heated

### **MERCEDES VITO 2016**

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: **726383** 

12-24 V IP 68







Sensor: 1/3" CMOS Resolution: 800 TV lines

Field of view: 120° 8 x LED: backlight dusk/night

Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20°C-70°C

Waterproofing: IP68 **Lens:** 2.9 mm Microphone: no

Other parameters: heated

MERCEDES VITO 2016 VAN TWO DOORS (for double rear doors)

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).





### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728020







Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated

OPEL VIVARO, RENAULT TRAFIC / 2014

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type). Third brake light = R10/12V bulb.

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728011









Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20°C-70°C Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated

OPEL VIVARO, OPEL COMBO, RENAULT TRAFIC/2001-2014

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type). Third brake light = R10/12V bulb.

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728000

12-24 V IP 68



Resolution: 700 TV lines

Field of view: 120°

1 x LED: backlight dusk/night

Night vision distance: 8.20 m

**Resolution:** 976 (H) × 592 (V) Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20°C-70°C

Waterproofing: IP68 **Lens:** 1.7 mm

Microphone: no

Other parameters: heated

### PEUGEOT EXPERT, CITROËN SPACE TOURER, TOYOTA PROACE 2016

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728021

12-24 V IP 68







Sensor: 1/3" CMOS Resolution: 800 TV lines

Field of view: 120°

10 x LED: backlight dusk/night Night vision distance: 10.66 m

**Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated



Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type). Third brake light = W16W/12V bulb.





### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728032







Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° 10 x LED: backlight dusk/night Night vision distance: 10.66 m **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated

CITROËN JUMPY, PEUGEOT EXPERT, TOYOTA PROACE / 2007-2016

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728030







Sensor: 1/3" CMOS Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C Waterproofing: IP68

Lens: 2.9 mm Microphone: no

Other parameters: heated

### **VOLKSWAGEN CADDY 2003–2015**

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: 728059

12-24 V IP 68



**Resolution: 800 TV lines** 

Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V Min. illumination: 0.01 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated

Led third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).

### **BACK CAMERA/3RD BRAKE LIGHT**

Ordering code: **726390** 

12-24 V IP 68 LED







Sensor: 1/3" CMOS

Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V)

Power supply: 12/24 V Min. illumination: 0.01 Lux Operating temperature: -20 °C - 70 °C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated

VW T6 2016 (production after May 2016). FOR ONE REAR DOOR.

Third brake light with reverse camera. The camera is suitable for all monitors with video cable - 4 pin (aircraft type).



### **BACK CAMERA/3RD BRAKE LIGHT**

**Ordering code: 726399** 









Resolution: 800 TV lines Field of view: 120° **Resolution:** 762 (H) × 504 (V) Power supply: 12/24 V

Min. illumination: 0.01 Lux Operating temperature: -20°C-70°C

Waterproofing: IP68 Lens: 2.9 mm Microphone: no

Other parameters: heated

VW T5 2016 (production after May 2016). FOR ONE REAR DOOR.

Third brake light with reverse camera. The camera is suitable for all monitors with video cable – 4 pin (aircraft type).

Rear cameras are mounted in the bumper area, above the drawbar area, on the cab of the tractor, on the side of the vehicle or trailer, on the rear of the box body top, etc. The location of the camera is up to the user. Different types of camera are suitable for different locations.

The basis is the camera in the back. This increases the safety of the vehicle's movement by 100%. This protects not only pedestrians behind you, but also your vehicle from being hit and thus protects your money.





## **MONITORS**



MONITORS MONITORS

**MONITOR, 4 PIN** 

Ordering code: 727919





PARAMETERS

Monitor: 7" LCD
Aspect ratio: 16:9

Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB

Power supply: 12/24 V

Consumption: ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment

according to outside light

Menu: EN, DE, FR, ES, PT, IT Image: colour

Control: remote

Accessories: sun visor

The monitor is suitable for all cameras with video cable – 4 pin.

Ordering code: 727916



**MONITOR, 4 PIN** 



**PARAMETERS** 

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 4 × 4 pin cable

Quad screen: displays up to four

images at once

Option: PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour

Control: remote

Accessories: sun visor

Quad screen monitor is suitable for all cameras with video cable – 4 pin. Four camera images can be viewed simultaneously on the monitor. The screen is divided into quarters. If three cameras are installed, the image is divided into thirds. If two cameras are installed, the screen can be split in half. The cameras can also be viewed individually with a full monitor image.

### **MONITOR, 4 PIN**



Ordering code: 727962

Monitor: 9" I CD

Aspect ratio: 16:9

Video output: 4 × 4 pin cable

Quad screen: displays up to four

images at once

Optional PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB Power supply: 12/24 V

Consumption: ≥8.64 W

Operating temperature: -10 °C-65 °C

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour
Control: remote

Accessories: sun visor

Quad screen monitor is suitable for all cameras with video cable – 4 pin. Four camera images can be viewed simultaneously on the monitor. The screen is divided into quarters. If three cameras are installed, the image is divided into thirds. If two cameras are installed, the screen can be split in half. The cameras can also be viewed individually with a full monitor image.

### **MONITOR, 4 PIN**

12-24 V DVR SD



DARAMETERS

Ordering code: **728142** 

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 4 × 4 pin cable

**Quad screen:** displays up to four images at once

Option: PAL&NTSC, AUTO system

Resolution: 800×480 RGB

Power supply: 12/24 V

**Consumption:** ≥8.64 W

Operating temperature: -20 °C -70 °C

Automatic switch-on when reversing
Automatic brightness adjustment

according to outside light

Menu: EN

Image: colour

Control: remote

Accessories: sun visor

Quad screen monitor is suitable for all cameras with video cable – 4 pin. DVR monitor with recording to SD card. SD card 64 GB max. Recordings are made in 15 minute blocks. Up to four cameras can be connected. All four camera images can be viewed simultaneously on the monitor. The screen is divided into quarters. If three cameras are installed, the image is divided into three. If two cameras are installed, the screen can be split in half. The cameras can also be viewed individually with a full monitor image.



**MONITORS MONITORS** 

### **MONITOR, 4 PIN**

Ordering code: 728161

12-24 V



Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 x 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 2400 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -20°C-70°C Automatic switch-on when reversing

Automatic brightness adjustment

according to outside light Menu: EN, DE, FR, ES, PT, IT, PL

Image: colour Control: remote

Accessories: sun visor

The monitor is suitable for all cameras with video cable – 4 pin.

12-24 V MP5 ← TF HDMI

**MONITOR, 4 PIN** 









The monitor is suitable for all cameras with video cable – 4 pin.

**Ordering code: 728151** 

Aspect ratio: 16:9

Video output: 3 × 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 1024 × 310 RGB

Power supply: 12/24 V

**Consumption:** ≥8.64 W

Operating temperature: -10°C-65°C

Automatic switch-on when reversing

Menu: EN, IT, RU Image: colour

Control: remote

**MONITOR, 4 PIN** 

Ordering code: 727950

12-24 V



The monitor is suitable for all cameras with video cable – 4 pin.

Monitor: 7" LCD

Aspect ratio: 16:9 Video output: 2 x 4 pin cable

Option: PAL&NTSC, AUTO system

**Resolution:** 480 × 234 / 800 x 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Menu: EN, DE, FR, ES, PT, IT, RU Image: colour

Control: remote

**MONITOR, 4 PIN/AHD** 

12-24 V



Ordering code: **728140** 

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 3 × 4 pin cable

Option: PAL&NTSC, AUTO system

Resolution: 1024 × 600 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -20°C-70°C

Automatic switch-on when reversing Automatic brightness adjustment

according to outside light

Menu: EN

Image: colour

Control: remote

Accessories: sun visor

The monitor is suitable for all AHD cameras (p. 86 and 92) with video cable – 4 pin.





### **MONITOR, 4 PIN**

Ordering code: **728152** 





PARAMETERS 5

Monitor: 7" LCD
Aspect ratio: 16:9

**Video output:** 3 × 4 pin cable **Option:** PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB Power supply: 12/24 V Consumption: ≥8.64 W

**Operating temperature:** -20 °C - 75 °C Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, IT, PT Image: colour

Control: remote
Accessories: sun visor

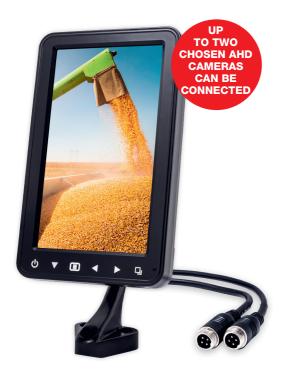
Speaker: yes

The monitor is suitable for camera 728064 (p. 82). The monitor can also be used for any other camera, but without transmitting sound. The monitor is therefore recommended for camera 728064, which has a microphone.

**MONITOR, 4 PIN/AHD** 

**Ordering code: 728662** 

12-24 V



**PARAMETERS** 

Monitor: 7" LCD Aspect ratio: 16:9

Video output: 2 × 4 pin cable Option: PAL&NTSC, AUTO system

Resolution: 1024×600 Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -20 °C -70 °C

Buttons: touch

Automatic switch-on when reversing Automatic brightness adjustment

according to outside light

Menu: EN Image: colour

The monitor is suitable for all AHD cameras (p. 86 and 92) with video cable – 4 pin.

### **MONITOR, RCA**

12-24 V



PARAMETERS

Ordering code: 727968

Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × 4 pin cable

Option: PAL&NTSC, AUTO system
Resolution: 800×480 RGB

Power supply: 12/24 V

**Consumption:** ≥8.64 W

Operating temperature: -10 °C -65 °C

Buttons: touch

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour
Control: remote

The monitor is suitable for all cameras with video cable - RCA.

### **MONITOR, RCA**









Ordering code: 727953

Aspect ratio: 16:9

Video output: 2 x RCA cable

Option: PAL&NTSC, AUTO system

Resolution: 480 x 234 / 800 x 480 RGB

Power supply: 12 V

Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Menu: EN

Image: colour

Control: remote

The monitor supports the following file types: JPEG, BMP, MP3, AVI, DIVX, MP4, WMA, RMVB

The monitor is suitable for all cameras with video cable - RCA.

Ordering code: 727918

12-24 V

**MONITOR, RCA** 



Monitor: 7" LCD

Aspect ratio: 16:9

Video output: 2 × RCA cable

Option: PAL&NTSC, AUTO system **Resolution:** 480 × 234 / 800 x 480 RGB

Power supply: 12/24 V

Consumption: ≥8.64 W

Operating temperature: -10°C-65°C

Buttons: touch

Automatic switch-on when reversing

Menu: EN, DE, FR, ES, PT, IT

Image: colour

Control: remote

Accessories: sun visor

The monitor is suitable for all cameras with video cable - RCA.



The colour monitors are equipped with remote controls. A sun visor and brackets are also included. The monitors have two or four inputs for cameras. The vehicle can be equipped with 1-4 cameras. The monitor can capture all cameras at once. For such purposes, quad screen monitors are used, where it is possible to divide the image area for four cameras, as well as for three or two cameras, or to watch one camera across the whole screen.

The monitors can also be AHD quality, where the picture quality is as good as a TV set.





### **COMPLETE WI-FI SET**

**Ordering code: 728153** 







Wireless camera set with rechargeable battery. The camera with the battery is attached with a





### **PARAMETERS**

### **MONITOR**

Monitor: 5" LCD Aspect ratio: 16:9 Video output: 1 × Video output: free cable

Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB

Power supply: 12/24 V Consumption: ≥8.64 W

Operating temperature: -10°C-65°C Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, IT, PT, RU

Image: colour Control: remote

Accessories: sun visor

### **CAMERA WITH BATTERY**

Sensor: CMOS

Resolution: 700 TV lines Field of view: 120°

18 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 x 582 pixels

Power supply: 12/24 V

Min. illumination: 0 Lux Operating temperature: -10 °C -65 °C

Waterproofing: IP68 **Lens:** 2.5 mm

Microphone: no

Other parameters: heated

### **BATTERY**

Attachment: magnet Battery capacity: 7,800 mAh

Charging time: 4-6 h Operation time: 8-10 h

Charging: 2 A

### **COMPLETE WI-FI SET**

**Ordering code: 728154** 

12-24 V IP 68 DVR



DVR monitor with recording to SD card. SD card 64 GB max. Recordings are made in 15 minute blocks. All four camera images can be viewed simultaneously on the monitor. The screen is divided into quarters. If three cameras are installed, the image is divided into three. If two cameras are installed, the screen can be split in half. The cameras can also be viewed individually with a full monitor image.



### **PARAMETERS**

### **MONITOR**

Monitor: 9" LCD

Aspect ratio: 16:9

Option: PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB Power supply: 12/24 V

Consumption: ≥6 W

Operating temperature: -20°C-70°C

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, IT, PT, RU

Image: colour Control: remote

Accessories: sun visor

### **CAMERA**

Sensor: CMOS

Resolution: 700 TV lines

Field of view: 120°

18 x LED: backlight dusk/night Night vision distance: 7.62 m

Resolution: N: 510 × 492 pixels, P: 500 × 582 pixels

Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -10 °C -65 °C

Waterproofing: IP68

**Lens:** 2.5 mm

Microphone: no

Other parameters: heated



**COMPLETE WI-FI SETS COMPLETE WI-FI SETS** 

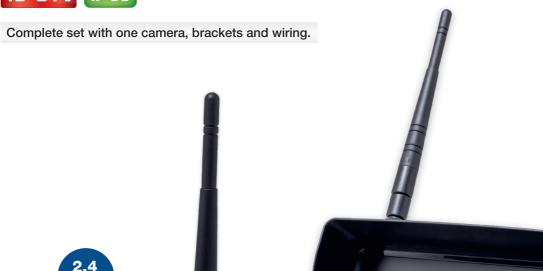
### **COMPLETE WI-FI SET**

**Ordering code: 727942** 

**RANGE** 

80 m









### **PARAMETERS**

### **MONITOR**

Monitor: 7" LCD Aspect ratio: 16:9

Option: PAL&NTSC, AUTO system Resolution: 800 × 480 RGB Power supply: 12/24 V **Consumption:** ≥6 W

**Operating temperature:** -20°C-70°C

Automatic switch-on when reversing

Automatic brightness adjustment according to outside light Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor

### **CAMERA**

Sensor: 1/4" Sony CCD Resolution: 700 TV lines Field of view: 120°

10 x LED: backlight dusk/night Night vision distance: 7.62 m Resolution: 628(H) × 582(V)

Power supply: 12/24 V Min. illumination: 0 Lux

Operating temperature: -20 °C - 70 °C

Waterproofing: IP66 **Lens:** 2.5 mm

Microphone: no

Other parameters: heated

### **COMPLETE WI-FI SET**

**Ordering code: 727957** 





### **MONITOR**

Monitor: 7" LCD

Aspect ratio: 16:9

Option: PAL&NTSC, AUTO system

Resolution: 800 × 480 RGB Power supply: 12/24 V

Consumption: ≥6 W

Operating temperature: -20°C-70°C Automatic switch-on when reversing

Automatic brightness adjustment according to outside light

Menu: EN, DE, FR, ES, PT, IT

Image: colour Control: remote Accessories: sun visor

### **CAMERA**

Sensor: 1/4" Sony CCD

Resolution: 700 TV lines

Field of view: 120°

10 x LED: backlight dusk/night

Night vision distance: 7.62 m

Resolution: 628(H) × 582(V) Power supply: 12/24 V

Min. illumination: 0 Lux

Operating temperature: -20 °C -70 °C

Waterproofing: IP66

Lens: 2.5 mm

Microphone: no

Other parameters: heated



# **ACCESSORIES**



ACCESSORIES ACCESSORIES

### **HOLDERS**

### **Ordering code: 727915**



Universal holder for monitors. Fixed screw-on holder.

### Ordering code: **727973**



Universal holder for monitors. Holder for tight screwing or gluing. There is a self-adhesive film on the bottom of the holder.

### Ordering code: 727963



Universal holder for monitors. Holder for tight screwing or gluing. There is a self-adhesive film on the bottom of the holder.

### Ordering code: 727912



Universal holder for monitors. Fixed screw-on holder.

### Ordering code: 727914



Universal holder for monitors. Fixed screw-on holder.

### Ordering code: 728039



Universal holder for monitors. Suction cup holder.

### Ordering code: 728087



Universal holder for monitors. Glass holder for vans.

### **WIRING**

Ordering code: 727927	5 m
Ordering code: 727926	10 m
Ordering code: 727928	15 m
Ordering code: 727925	20 m

Ordering code: <b>728060</b>	5 m
Ordering code: 728061	10 m
Ordering code: 727959	15 m
Ordering code: 727960	20 m



Connection cable for cameras and monitors, 4 pin.



RCA connection cable for cameras and monitors.





CABLE SET FOR CONNECTING SEMI-TRAILER/TRAILER TRAIN AND TRACTOR, 4 PIN

- 1 x spiral cable N
- 1 x extension cable with socket N/5 m/4 pin
- 1 x extension cable with socket N/20 m/4 pin



### **Ordering code: 728170**



**ADAPTER** 4 pin plug 1 × yellow RCA for video 1 × white RCA for audio 1 x black RCA black for power

supply

### **Ordering code: 728171**



**ADAPTER** Socket, 4 pin 1 × yellow RCA for video 1 × white RCA for audio 1 x black RCA black for power supply

### **Ordering code: 728179**



ADAPTER OF THE PARKING **ASSISTANT** 4 pin plug 1 × yellow RCA for video 1 x black RCA black for power supply

Ordering code: 728181



**ADAPTER** Video cable plug, 4 pin

Ordering code: 728182



**ADAPTER** Video cable socket, 4 pin

Power cable

**Ordering code: 728185** 

**Ordering code: 728172** 



**ADAPTER** Video cable, 4 pin

### **Ordering code: 728173**



**ADAPTER** Video cable, 4 pin

Ordering code: 728174



**ADAPTER** Video cable plug, 4 pin

### Ordering code: 728184



**COUPLER** RCA female

Ordering code: 728183



COUPLER RCA male

### Ordering code: 728175



**ADAPTER** Video cable, 4 pin

Ordering code: 728176



**ADAPTER** Video cable, 4 pin

**Ordering code: 728177** 



**ADAPTER** Video cable plug, 4 pin

### Ordering code: 729355



Quick coupler: 0.25-1.0

### Ordering code: 729356



Quick coupler: 1.0-2.5

**Ordering code: 729357** 



Quick coupler: 2.5-6.0

### **Ordering code: 728178**



4 pin plug 1 × yellow RCA for video 1 x black RCA black for power supply

### Ordering code: 728180



ADAPTER OF THE PARKING **ASSISTANT** 4 pin plug

### **ACCESSORIES**

### **RECORDING BOX**

Ordering code: 727911



Recording box for SD card and USB.



**PARAMETERS** 

Recording: yes
Playback: yes
SD card: yes

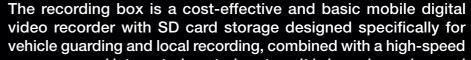
USB: yes

**PAL:** HD1 (704 × 288), CIF (352 × 288) **NTSC:** HD1 (704 × 240), CIF (352 × 240)

Power supply: 12/24 V

Packing time of the file: 15 minutes





processor and integrated control system. It is based on advanced H.264 video compression and decompression technology

The recording box is a cost-effective and basic mobile digital video recorder with SD card storage designed specifically for vehicle guarding and local recording, combined with a high-speed processor and integrated control system. It is based on advanced H.264 video compression and decompression technology

- 4 channels for video input, 4CH D1 at 12 fps/15 fps continuous or priority video and live view.
- The semi-transparent GUI performs settings for the GUI and live view synchronously.
- The special NVRFSTM file system is very good at improving the security level of data, and provides separate recovery, separate checking, separate backup for certain critical data, and prevents data fragmentation that affects system efficiency.
- The better compression ratio of H.264 (50% lower than MPEG4) improves the storage speed of the recording in the most efficient way.
- 4 channels for high fidelity, digitally recorded, synchronised audio corresponding to 4 video channels.
- User-friendly criteria for playing event-related videos.
- Automatic timer to resume live display when the device is idle for user-defined timing.
- User-selectable settings for quality and audio recording with activation/deactivation for each video channel.
- 12 V power supply for multiple devices such as cameras, sensors, relays and any other accessories.
- Selectable frame rate with triggered event recording speed up to 30 FPS/camera.
- Multiple alarm inputs with selectable pre and post alarm recording timing.





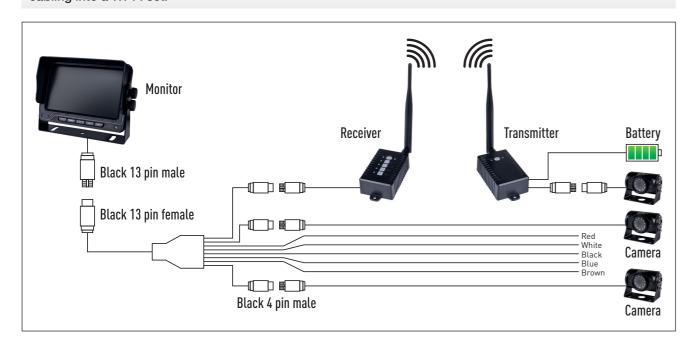
### **RECORDING BOX**

ACCESSORIES ACCESSORIES

WI-FI Ordering code: 728165



2.4 GHz transmitter
Used for transmission of WI-FI signal. Thanks to this device, it is possible to turn a set that is connected by cabling into a WI-FI set.







# FRONT INTERIOR CAMERAS





**FRONT INTERIOR CAMERAS FRONT INTERIOR CAMERAS** 

### **FRONT INTERIOR CAMERA**

Ordering code: 726500







### **FRONT INTERIOR CAMERA**

**Ordering code: 726504** 











# **EXPLANATORY NOTES**

AHD	AHD monitor + AHD camera image quality is much higher than HD (digital) monitor + CMOS camera.  For example: AHD monitor + AHD720P camera: image quality reaches 1 million pixels.  HD (digital) monitor + CMOS 600TV line camera: reaches 250 thousand pixels and is sufficient for vehicle use.			
CMOS	CMOS chips are the most commonly used chips for digital cameras. They consume less power and transfer data faster. For this reason, they are mainly used for digital SLR cameras, where they aid continuous shooting with faster data conversion.  The CMOS sensor can transmit data from each point individually, while the CCD can transmit data in rows. The CMOS sensor is sometimes referred to as the APS (Active-Pixel Sensor).  CMOS sensor characteristics:  Lower power consumption, higher data processing speed.			
CCD	CCD electronic sensor is sensitive not only to light but also to infrared, ultraviolet and soft X-rays. In the focal plane of the telescope, the CCD sensor registers more information and in less time than the photographic emulsion.			
AIRCRAFT CABLE, 4 PIN		RCA CABLE		
PAL	Alternating phase in lines (Phase Alternating Line). Standard encoding for colour image resolution. This is a resolution of about $720 \times 576$ pixels with a frame rate of 25 frames per second. It's like a TV. It's not sped up or slowed down.			
NTSC	The same as PAL, but at 30 frames per second. NTSC is used in North America, Central America and Japan.			
RGB	Or red-green-blue is an additive colour mixing method used in colour monitors and projectors (mixing of emitted light), so it does not need external lighting (the monitor displays even in complete darkness). RGB mixes red, green and blue, hence RGB.			
AUTO	Automatic resolution system. Converts to PAL or NTSC.			
IP 68	Degree of coverage	12-24 V	Voltage range	
LED	Third brake light with LEDs	0	Third brake light with bulb	
<b>∢</b> »	Camera with microphone Monitor with speaker Cannot connect mp3, etc., to the monitor. It co	ncerns only audio tra	nsfer between the camera and the monitor.	
SD	SD card for DVR monitors for recording	TF	TF card for DVR monitors for recording.	
DVR	Monitor with recording (uploading) to SD card.			
Handsfree	You can pair a mobile phone to the monitor and make calls without holding the mobile phone to your ear.			
*	Bluetooth – the possibility of pairing wireless devices. For example, a mobile phone for making calls.			

•

USB

MP5

HDMI

Videos can be played

Type of 19-pin connector for connecting a DVD player, for example

