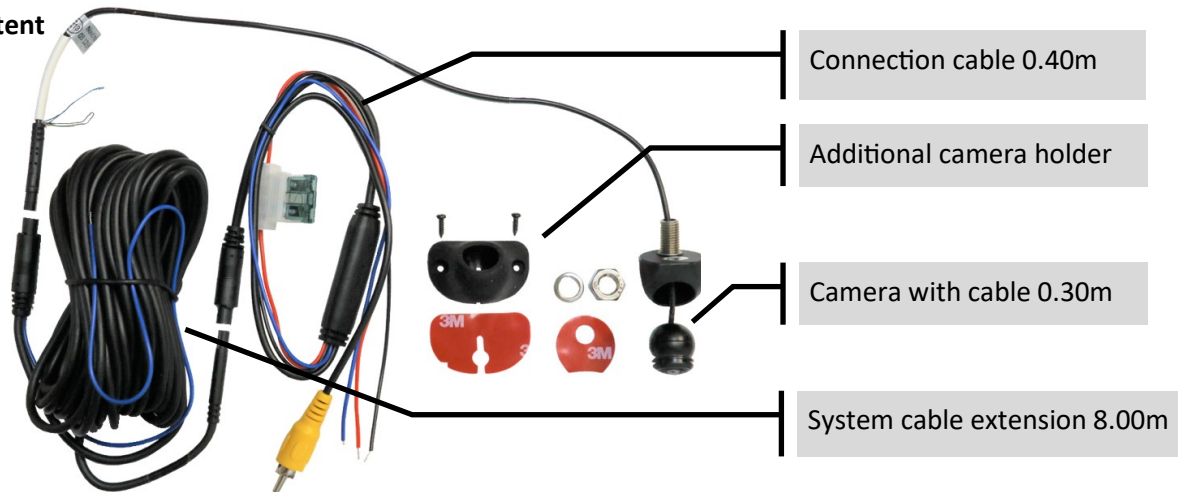


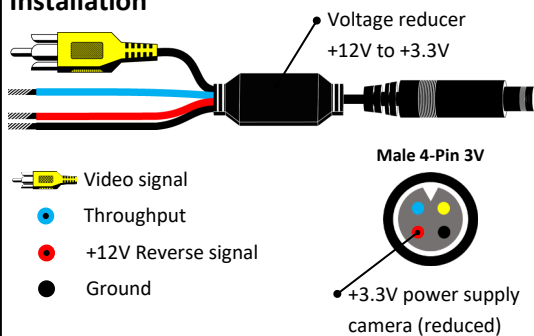
# Mini front and rear-view camera

## CAM-A141

### Delivery content



### Installation



**Note:** If the camera is powered by reverse gear lamp signal, we recommend to install a relay between the power supply of the reverse signal and the power supply of the camera, to ensure a stable and uninterrupted power supply and to avoid errors in the vehicle computer.

**In case the isolation of the camera is harmed in the moisture section close to the camera, it is mandatory to repair the isolation. Otherwise the camera will inevitably become moist inside sooner or later.**

### Product features

- Mini ball camera AHD NTSC with 2 housings (black)
- Housing 1: Cable-guided thread tube with counter nut
- Housing 2: Screw or glue fixing
- Optional housing 3: Rubber ring for in-mount
- Horizontal mount-under and vertical mount-on possible (by rotating the ball)
- System cable with throughput wire, e.g. for reverse signal
- Mirroring can be switched off - suitable also as front camera
- Sensor type AHD 536 CMOS 1/4inch NTSC
- Resolution 720p, 1.200 TV lines
- Frame rate up to 30fps
- Light sensitivity 0.2Lux
- Dynamic range 56dB
- Aperture F1.36
- Angle H=140°, V=80°, D=160°
- Guide-lines can be switched off
- Protection class IP69K
- Suitable for permanent operation (connection to ACC)
- Power supply **+12/24V DC (6 ~ 28V)**
- Operating voltage camera **+3.3V DC**
- Current consumption 90mA
- Video connection RCA male connector
- System cable of camera 4pin 3V
- Diameter of camera connector 5mm
- Total cable length 8.70m
- Operating temperature range -40°C to +80°C
- Dimensions in housing 1 - 25 x 27.4 x 24.3mm (w x d x h)
- Dimensions in housing 2 - 40 x 27.7 x 23.2mm (w x d x h)

### Camera configuration (cut cable loops if required)

With guide-lines

Without guide-lines

Mirroring - rear-view camera

Mirroring - front camera

### Housing options

