



**ZE-RCE3703AHD**

The red brake light reflector is not included in the scope of delivery

## AHD REAR VIEW CAMERA FÜR FIAT DUCATO

The ZENEC ZE-RCE3703AHD rear view camera has been developed for use with FIAT Ducato III based vehicles and motorhomes in particular. This camera model deploys high quality parts and materials throughout, to provide reliable operation and appropriate longevity in the target vehicles mentioned.

ZENEC's AHD camera models ("Analog High Definition") offer increased image quality due to the newer analog image transmission standard. AHD offers a higher signal transmission bandwidth with optimized color space and, due to the analog transmission, is less susceptible to interference and more cost-effective than digital systems. In practice, AHD camera models therefore have a clear advantage due to the visibly sharper, more natural image.

The special technical feature of the ZE-RCE3703AHD reversing camera model is the selectable output signal via the green function cable. The camera provides 720p AHD or a CVBS video signal at the RCA signal output. Which means, both conventional and newer AHD-capable head units can be combined with this camera model.

The vertically swiveling sensor module allows easy manual adjustment to the desired image capture area.

The large diagonal viewing angle of 160° allows a good overview of the area behind the vehicle, enabling safe backing and parking at all times. The 15 m long main system cable of the ZE-RCE3703AHD is equipped with mini 4-PIN connectors.

### KEY FEATURES

- AHD rear view camera for FIAT Ducato III vehicles and identical vehicle types for use with selected ZENEC device models and infotainers from other brands which support AHD video signal with 720p / 1080p resolution
- Video scaler with selectable AHD or CVBS video output signal
- System design integrating the original Ducato brake light, retaining the road use homologation
- High quality CMOS picture sensor with AHD 720p output signal and low power consumption
- Mechanically adjustable cam angle, to optimize the vertical field of view
- Plastic injection main housing with stainless steel fixation bolts

- 15 m long separable system cable equipped with mini 4-PIN connectors
- Protection rating: IP69K certified

### TECHNICAL SPECIFICATIONS

- Image device: 1/4" / 6.09 mm SONY IMX225LQR CMOS sensor
- TV system: NTSC
- View angle: 160°(D) x 130°(H) x 100°(V)
- Native sensor resolution: 1280 (H) x 960 (V) pixels
- Video signal resolution: 1280 (H) x 720 (V) pixels
- Image frame rate: 30 fields/sec.
- Lens focal length: f 1.2
- Light sensitivity: 0.5 Lux / 50IRE
- Image S/N Ratio: > 48 dB
- Video output: 1.0 Vp-p (±0.2 V), 75 ohms, CVBS
- White balance: Auto
- Backlight compensation: Auto
- Gamma correction: 0.45
- Gain control: Auto
- Sync system: Auto
- Power supply: 5.0 – 24 V DC
- Current consumption: 70 mA @12VDC, ≤ 840 mW
- IP protection rating: IP69K
- Operating temperature: -30° C ~ +75° C
- Dimensions (L x W x H): 278 x 35 x 62 mm

### VEHICLE COMPATIBILITY\*

Model	Model Type	Model Year
Fiat Ducato III	250	2006 – 2021
Fiat Ducato III	Series 8 / 9	2021 – 2024
Fiat Ducato III	Series 2	as of 2024
Citroën Jumper II	250	2006 – 2024
Citroën Jumper II	Series 2	as of 2024
Peugeot Boxer II	250	2006 – 2024
Peugeot Boxer II	Series 2	as of 2024
Opel Movano C	250	2021 – 2024
Opel Movano C	Series 2	as of 2024
Toyota Proace	Max	as of 2024

\*Only suitable for vehicles without OE rear view camera