



UNIVERSAL AHD REAR VIEW CAMERA

The ZENEC ZE-RVC80AHD rear view camera has been developed for universal use with various types of vehicles. The camera convinces with its compactness and its easy mounting.

The CMOS image sensor offers high light sensitivity, low picture noise and high image resolution.

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

The large diagonal viewing angle of 170° allows a good overview of the area behind the vehicle, enabling safe backing and parking at all times. The 10 m long main system cable of the ZE-RVC80AHD is equipped with mini 4-PIN connectors to keep the diameter of the cable feed-through hole reasonably small.

The ZE-RVC80AHD is compatible with selected ZENEC device models and infotainers from other brands which support NTSC AHD video signals with 720p resolution.

KEY FEATURES

- Compact universal AHD rear view camera for use with selected ZENEC device models and infotainers from other brands
- High quality CMOS picture sensor with AHD 720p output signal and low power consumption
- Robust die-cast aluminum housing with mechanical adjustment of vertical image section

- Image section adjustment by rotating sensor roller, 0° to 70° up / 0° to 70° down
- 10 m long separable system cable equipped with mini 4-PIN connectors
- Required cable feed-through hole: 6.1 mm, easy mounting via M6 hollow thread screw
- Protection rating: IP69K certified

TECHNICAL SPECIFICATIONS

- Image device: 1/4" / 6.09 mm SONY IMX225LQR CMOS sensor
- TV system: NTSC
- View angle: 170°(D) x 135°(H) x 90°(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, AHD
- 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): 44 x 23 x 29 mm