

AHD Mirror Cam

The digital exterior mirror for off-road use



Technical Data AHD Mirror Cam

Measurements (W x H x D)	63 mm x 43 mm x 78 mm
Weight	200 g
Housing	Aluminum die casting salt-resistant and additional protective varnish
Operating Temperature	-20 °C bis +70 °C
Operating Voltage	DC 12 V
Power Input	Max. 2,64 W
Video Format (W x H)	AHD: 1920 x 1080 Pixel
Video-Output	1 Vss / 75 Ohm
Protection Class	IP 69K
Sensor Resolution	1920 x 1080 Pixel 1080P
Recording Sensor	1/2.9" CMOS
Color Fidelity	Automatic white balance
Vibration Resistance	10 G
Aperture Angle	70°/95°
Light Sensitivity	0,1 Lux (Tag) 0 Lux (mit IR)



Technical Data AHD Mirror Monitor 12,3"

Measurements (W x H x D)	148 mm x 331 mm x 39 mm
Weight	1.500 g
Housing	ABS Plastics
Resolution	HD 1920 x 720
Viewing Angle	Horizontal: 170° Vertical: 170°
Display	IPS Display True to color, stable viewing angle and anti-reflective
Camera Inputs	2 x 1080P - AHD (30 fps) 2 x CVBS - PAL/ NTSC no mixed operation possible
Brightness	1000 cd/m ² automatic adjustment
Contrast	1000:1
Protection Class	IP 30
Operating Temperature	-20 °C bis +70 °C
Storage Temperature	-30 °C bis +80 °C
Vibration Resistance	6,3 G (ISO 16750-3)
Operating Voltage	10 V – 32 V
Power Input	Max. 20 W
Power Consumption	Max. 2,5 A
Features	Overlay lines can be dis- played Zoom function

Our vision ... is safety!



Safety through ideal vision

The digital exterior mirror for off-road use

Especially on large and complex vehicles, an ergonomic and sensible installation of exterior mirrors is often a challenge. With the **monitor** mountet in the driver's cab, our **mirror replacement system** for off-road use offers optimal, ergonomic visibility.

Two **HD Cameras** can be placed individually per monitor. This enables an optimal view of the danger areas around the vehicle. The HDR function provides a brilliant image even in backlight or darkness.

The bright **IPS Display** with 1000 cd/m² guarantees an excellent image even in backlight and darkness.

Freely adjustable reference lines helping the driver to better estimate distances and thus facilitate daily work. The great flexibility of the mirror replacement system allows it to be adapted to a wide range of vehicles as required.



Overlays

Four colors to choose from

90°
Revolving by 90°

Length adjustment possible

Freely movable

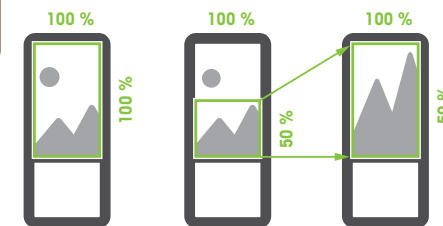


HD Cameras

The HD resolution of 1920 x 1080 pixels offers a razor-sharp image and allows the user to optimally perceive his surroundings.



Zoom Function

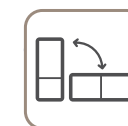


Using the included remote control, the upper image can be enlarged in 10 steps. This means that the individual image section is optimally adapted to the application during setup.



HDR Cameras

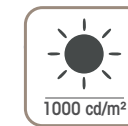
Through the HDR Function of the high-resolution cameras, objects can be perceived in detail simultaneously in the shadow areas and the bright areas. Even with backlight, an excellent image is shown.



Rotatable Screen 2:3 - 1:1

The monitor can be used vertically in a ratio of 2:3

The monitor can be used in a ratio of 1:1



Bright IPS Display

The modern IPS display with 1000 cd / m² makes it possible to optimally perceive the displayed image even in direct sunlight. A sensor adjusts the brightness to the ambient light. The large viewing angle ensures good visibility from all viewing directions.

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*The fields of vision are schematic representations and are not validated field of vision studies.



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MEKRAtronics GmbH

Buchheimer Str. 4
91465 Ergersheim

info@mekratronics.de
www.mekratronics.de

For more Information:

