



AHD Mirror Cam

The digital exterior mirror for the off-road sector



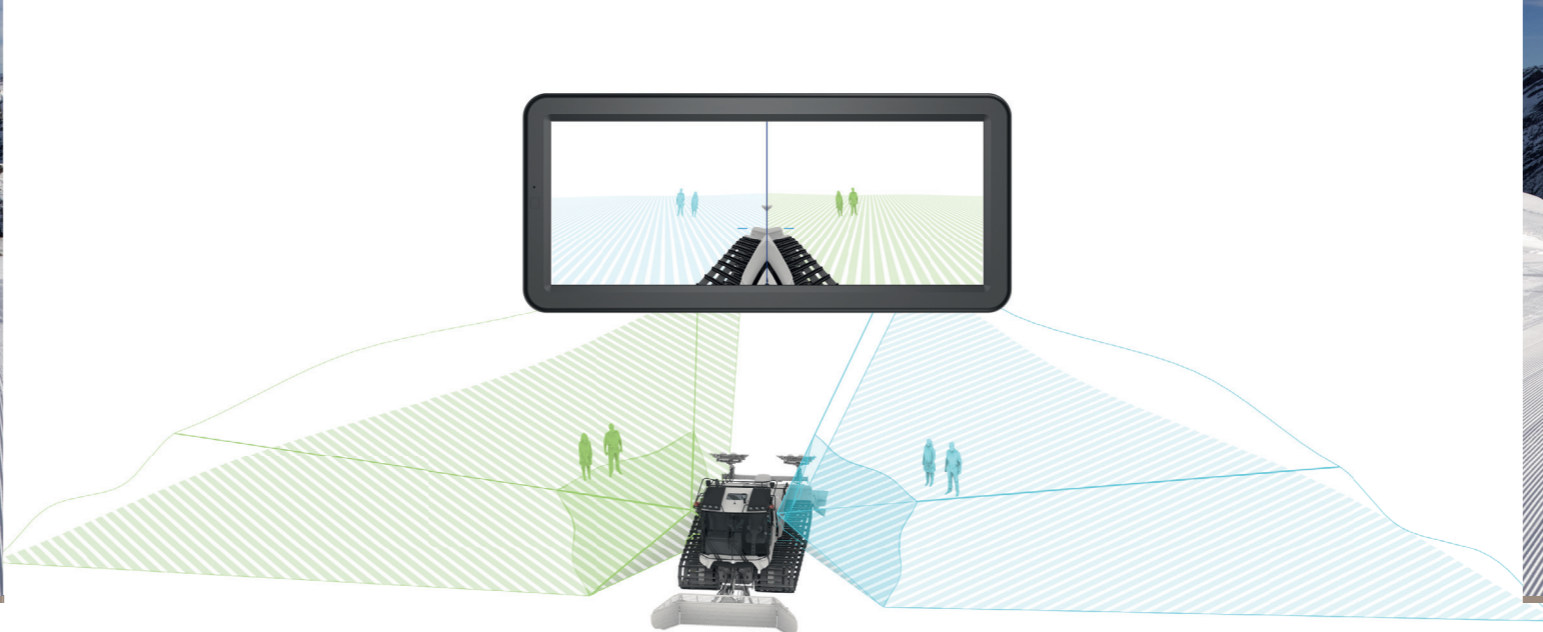
Technical Data AHD Mirror Monitor 12.3" "

Measurements (W x H x D)	148 mm x 331 mm x 39 mm
Weight	1.500 g
Housing	Plastic
Resolution	HD 1920 x 720
Viewing angle	Horizontal: 170° Vertikal: 170°
Display	IPS display color-accurate, viewing angle stable and anti-glare
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 ratio	1000:1
IP code	IP 30
Operating temperature	-20 °C to +70 °C
Storage temperature	-30 °C to +80 °C
Vibration resistance	6,3 G (ISO 16750-3)
Operating voltage	10 V – 32 V
Current consumption	Max. 20 W
Power consumption	Max. 2,5 A
Features	Overlay lines can displayed Zoom function



Technical Data AHD Mirror Cam

Measurements (W x H x D)	63 mm x 43 mm x 78 mm
Weight	200 g
Housing	ALU die-cast salt resistant additional protective varnish
Operating temperature	-20 °C to +70 °C
Operating voltage	DC 12 V
Power consumption	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
Colour Fidelity	Automatic white balance
Vibration resistance	10 G
Aperture Angle	70°/95°
Light sensitivity	0,1 Lux (Day) 0 Lux (with IR)



Safety through optimal visibility

The digital exterior mirror for the off-road sector

Especially on large and complex vehicles, an ergonomic and sensible installation of exterior mirrors is often a challenge. With the **monitor** mounted 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 direct sunlight.

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.

Our vision ... is safety!

Overlays

Four colors to choose

Rotatable by 90°

Adjustable length

Freely movable

HD **HD Cameras**

The HD resolution of 1920 x 1080 pixels provides a sharp image, enabling users to perceive their surroundings optimally.

Zoom Function

Using the included remote control, you can magnify the upper image in 10 steps. This allows the individual image section to be perfectly aligned with the application.

HDR **HDR Cameras**

The HDR function of the high-resolution cameras allows objects to be detailed in both shadow and bright areas. Even in backlight conditions, an optimal image is displayed.

Rotatable 2:3 – 1:1

Vertically, the monitor can be used in a 2:3 ratio.

Horizontally, the monitor can be used in a 1:1 ratio.

Bright IBS Display

The modern IPS display with 1000 cd/m² allows for optimal image perception even under direct sunlight. A sensor adjusts the brightness according to the ambient light conditions. The wide viewing angle ensures excellent visibility from all directions.

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



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More information:

