



SXM CIAWD2M

Dual analog HD windshield camera

Siera Xtreme Mobile is a line of MNDVRs, dashcams, and bodycams with advanced features designed to meet all the needs of the mobility market.

Key Specifications

- Dual camera for simultaneous interior and exterior recording
- HD resolution (up to 1080p AHD compatible)
- Dual CMOS sensor for complete vehicle coverage
- Wide-angle optics for front and cabin vision
- Integrated IR LEDs for interior night vision
- AHD output compatible with MNDVR systems
- Audio option on interior channel
- Wide temperature range for transport use
- Versatile installation for taxi, bus, truck, and fleets

System & Image

Image sensor:	2 × 1/3" CMOS AR0130
Resolution:	1280 × 960 (per channel)
Video system:	PAL / NTSC (optional)
Scanning:	Progressive RGB CMOS
Video output:	AHD (1 Vp-p, 75Ω)

Image Performance

Sensitivity:	Front camera: 0.1 Lux (F1.2) Interior camera: 0 Lux (IR on)
Signal-to-noise ratio:	>44 dB (AGC OFF)
Dynamic range:	83.5 dB
Gain control (AGC):	Automatic
Electronic shutter:	Automatic
BLC:	Automatic
Noise reduction:	3D

Optics

Front lens:	f2.5 mm megapixel
Interior lens:	f2.1 mm megapixel
Lens options:	2.1 mm / 2.5 mm wide angle

Mechanical adjustments:

Tilt:	Front: 0° – 80° Interior: 0° – 50°
Pan:	Interior: 0° – 50°

Lighting

IR LED (interior):	6 units
IR spectrum:	940 nm

Audio

Audio:	Available Interior channel
---------------	----------------------------

Connectivity

Connectors:	4 / 6 / 8 pins
--------------------	----------------

Electrical

Power supply:	DC 9V – 18V
Power consumption:	Front: 60 mA (max.) Interior: 115 mA (max.)

Mechanical & Environmental

Color:	Black (customizable)
Use:	Vehicle interior
Operating temperature:	-30°C to +70°C

Dimensions & Weight

Dimensions:	72 × 32 × 99 mm
Weight:	200 g

