

Xignal M607 4G AI Dash Camera

A dash camera rather than a recorder. Two 1080p cameras are built into the unit, one facing the road and one facing the cabin, and two more can be wired in, so a single windscreen mounted box covers what a small recorder installation normally needs. It carries 4G with its own SIM, a built-in GPS antenna, an SOS button and optional driver AI.

**2 + 2****CAMERAS**

Two built in, two external inputs

1080p**MAX RESOLUTION**

60 frames total across the four

H.265**COMPRESSION**

Or H.264, to cut storage and data

256 GB**CARD STORAGE**

One TF card

0.5 kg**WEIGHT**

132 x 105 x 42 mm

SOS**EMERGENCY CALL**

One touch, plus a 3-axis sensor

MAIN FEATURES

- Two 1080p cameras built in: one facing the road, one facing the cabin
- Two further camera inputs at 1080p, 720p or D1, for a rear or nearside view
- H.265 or H.264, to cut storage and transmission data
- Four channel synchronous playback with 2x, 4x, 8x and 16x search
- 4G with its own SIM interface, TDD-LTE and FDD-LTE
- Wi-Fi 802.11 b/g/n, and it can run as a Wi-Fi hotspot
- GPS and BeiDou positioning with the antenna built into the housing
- One-touch SOS emergency call from the driving position
- Built-in 3-axis acceleration sensor and low-power sleep
- ADAS and DSM driver AI algorithms available at order

Figures published by the manufacturer. Two things to read closely. The operating range is -10 to +60 °C, which is narrower than the -20 to +70 °C published for the recorders in this range and matters on a windscreen in a UAE summer, so there is a question about it below. And the manufacturer publishes no field of view and no night vision figure for the built-in cameras, where it does publish both for the M606. Where a figure reads Not published, the manufacturer does not state it, which is not the same as the feature being absent.

Specify it against your fleet

Tell us the vehicle type, how many cameras each vehicle needs, whether live 4G view is required, and how long footage has to be retained. We quote the recorder, the cameras, the installation and the server behind it as one system.

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FULL SPECIFICATIONS

CAMERAS AND RECORDING	
Built-in cameras	2 channels of AHD at 1080P, one facing the road and one the cabin
External cameras	2 channels, at 1080P, 720P or D1
Total channels	4
Video resolution	1080P, 720P, D1, HD1 or CIF. Total encoding resource is 1080P at 60 frames across the four channels
Video compression	H.265 or H.264
Video output	1 CVBS, 1.0Vp-p, 75Ω, full screen or a four way split
Recording modes	Automatic by default, plus ignition recording and alarm recording
Playback	4 channel synchronous playback, 2x, 4x, 8x and 16x forwards and back
Field of view	Not published
Night vision	Not published

DRIVER AI, OPTIONAL

ADAS	Lane departure, collision warning and vehicle distance detection
DSM	Fatigue, smoking, phone calls, camera occlusion and unsafe driving behaviour

AUDIO AND ALARMS

Audio input	1 built-in microphone
Alarm input	2 way switch input, plus a one-button SOS alarm
Alarm output	None. The manufacturer publishes no alarm output on this model
Motion sensor	Built-in 3-axis acceleration sensor

STORAGE

Storage	1 TF card, up to 256 GB
USB	Reserved USB port

NETWORK AND POSITIONING

Cellular	4G with one SIM card interface. TDD-LTE and FDD-LTE
Wi-Fi	802.11 b/g/n, and it can run as a Wi-Fi hotspot
Positioning	GPS and BeiDou module with a built-in GPS antenna
Serial	2 × RS232, reserved for external devices

POWER AND PHYSICAL

Power input	DC +10 V to +36 V
Power consumption	Under 7.5 W in normal operation, without peripherals
Low power sleep	Supported
Operating temperature	-10 °C to +60 °C
Dimensions (W × D × H)	132 × 105 × 42 mm
Net weight	0.5 kg
Operating system	Linux
Menu languages	Chinese and English
IP rating	Not published
Certifications	Not published