

Xignal M728(G4F) 8 Channel Mobile DVR

An eight channel recorder for buses, trucks and municipal fleets. It takes AHD, TVI, CVI or CVBS cameras on the same box, records 1080p to a 2.5 inch hard drive of up to 4TB with an SD card running a mirror, and streams live over 4G with GPS and BeiDou positioning.



8 CH

VIDEO CHANNELS

AHD, CVI, TVI or CVBS

1080p

MAX RESOLUTION

120 fps across the eight channels

4 TB

HARD DRIVE

2.5 inch, plus a 128 GB SD mirror

6 / 2

ALARM IN AND OUT

Plus an AD and impulse speed input

10-36 V

DC INPUT

Wide voltage, 7 second UPS hold

2.2 kg

WEIGHT

218 × 161 × 65 mm

MAIN FEATURES

- Eight channels of 1080p, hybrid AHD, CVI, TVI or CVBS on the same inputs
- Hard disk for the main recording with an SD card kept as a mirror
- Real time remote viewing over 4G, 3G or Wi-Fi
- Pre-recording on alarm events, motion detection alarm and alarm linkage
- UPS function holds the recording for about 7 seconds after the power is cut
- Two way talking and trunking intercom over 4G or Wi-Fi
- Car plate licence number recognition
- DSM detects fatigue, distraction, smoking and phone use while driving
- ADAS gives real time forward collision and lane warnings

Figures published by the manufacturer. The 4G module, the driver AI cameras and the sensor options are specified at order rather than fitted across the range, so confirm the configuration on your quotation. 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

RECORDING		ALARMS AND INTERFACES	
Video channels	8CH AHD input, also takes CVI, TVI or CVBS	Alarm input	6 channels, plus 1 AD input and an impulse speed input, with alarm linkage
Video resolution	8 × 1080P or 8 × 720P, max 120 fps in total	Alarm output	2 channels. Drives a light or sound alarm, or an oil or power cut off
Also records	8 × D1, 8 × HD1, 8 × CIF	Serial	2 × RS232 for OBD, a POS or fuel sensor, or an LED panel. 1 × RS485
Video compression	H.264	SPECIFIED AT ORDER	
Image quality	0 to 7 levels, 0 is the highest	Driver AI	ADAS and DSM camera modules
Video input	Aviation connector, 1.0Vp-p, 75Ω	Plate recognition	Car plate licence number recognition
Video output	1 CVBS aviation, 1.0Vp-p, 75Ω. One channel full screen or an eight channel view	Other options	TTS voice broadcast, LED advertisement panel, oil sensor, car OBD
Playback	Up to 8 channels at once, with stop, fast and slow	POWER AND PHYSICAL	
Event recording	Pre-recording on alarm events, motion detection alarm and alarm linkage	Power input	Wide voltage, DC +10 V to +36 V
AUDIO		Power output	+12 V at 1.5 A, +5 V at 1.5 A
Audio compression	G.726 at 8 KB/s	Power loss	UPS function holds the recording for about 7 seconds
Two way audio	Two way talking and trunking intercom over 4G or Wi-Fi	Operating temperature	-20 °C to +70 °C
STORAGE		Dimensions (D × W × H)	218 × 161 × 65 mm
Main recording	2.5 inch HDD, up to 4 TB	Weight	2.2 kg
Mirror recording	SD card, up to 128 GB	Operating system	Linux
Backup	Front panel USB, to a U disk or a hard disk	Menu languages	English, Chinese, or customised
NETWORK AND POSITIONING		IP rating	Not published
Cellular	Built-in 4G module, optional. TDD-LTE, FDD-LTE, WCDMA	Certifications	Not published
Positioning	Built-in GPS and BeiDou module		
Wi-Fi	2.4 GHz or 5 GHz		
Live view	Real time remote viewing over 4G, 3G or Wi-Fi		