

Xignal M720(G4F)-IP Hybrid Mobile NVR

The networked hybrid. Four analogue cameras plus four IP cameras on one recorder, five to eight channels in total, with a built-in switch and ONVIF support so the IP side is wired and configured without a separate network box. It also carries plate recognition and the ADAS and DSM driver AI options.

**5-8****TOTAL CHANNELS**

4 analogue plus up to 4 IP

1080p**MAX RESOLUTION**

On the analogue and the IP side

4 TB**HARD DRIVE**

2.5 inch, plus a 128 GB SD mirror

8 CH**PLAYBACK**

All channels at once

ONVIF**IP NETWORKING**

With a built-in switch

2.2 kg**WEIGHT**

218 x 161 x 65 mm

MAIN FEATURES

- Hybrid recording: 4 analogue channels plus up to 4 IP cameras, 5 to 8 in total
- Built-in switch, so the IP cameras plug into the recorder itself
- ONVIF protocol, so the IP cameras need not all come from one manufacturer
- Analogue inputs take AHD, TVI or CVI on existing vehicle cabling
- ADAS connects a forward camera for real time lane and collision warnings
- DSM detects fatigue, distraction, smoking and phone use while driving
- Recognises car plate licence numbers
- Hard disk for the main recording with an SD card kept as a mirror
- Real time remote viewing over 4G, 3G or Wi-Fi, with two way talking and trunking intercom
- UPS holds the recording for about 7 seconds after a power failure

Figures published by the manufacturer. One thing worth knowing about the source: its specification table covers this model and the larger M728(G4F)-IP together, and several rows carry two values. The figures published here are this model's, taken from the first of each pair, which the manufacturer's own feature list labels by series. Note also that the analogue inputs take AHD, TVI or CVI but not CVBS, where the M728(G4F)-IP does list CVBS. 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

CHANNELS AND RECORDING	
Analogue channels	1 to 4 channels, AHD, TVI or CVI
IP channels	1 to 4 IP cameras at 1080p
Total channels	5 to 8
Resolution	4 × 1080P or 4 × 720P on the analogue side, plus 4 × 1080P IP
Also records	4 × D1, 4 × HD1, 4 × CIF
Video compression	H.264
Image quality	0 to 7 levels, 0 is the highest
Video input	Aviation connector, 1.0Vp-p, 75Ω
Video output	1 CVBS aviation, 1.0Vp-p, 75Ω. One channel full screen or a four channel view
Playback	Up to 8 channels at once, with stop, fast and slow
Event recording	Pre-recording on alarm events, motion detection alarm and alarm linkage

IP NETWORKING	
Built-in switch	Yes. The IP cameras connect to the recorder directly
Camera protocol	ONVIF
Wi-Fi	2.4 GHz or 5 GHz

AUDIO	
Audio compression	G.726 at 8 KB/s
Two way audio	Two way talking and trunking intercom over 4G or Wi-Fi

STORAGE	
Main recording	2.5 inch HDD, up to 4 TB
Mirror recording	SD card, up to 128 GB
Backup	Front panel USB, to a U disk or a hard disk
Power-loss hold	UPS keeps recording for about 7 seconds after a power failure

NETWORK AND POSITIONING	
Cellular	Built-in 4G module, optional. TDD-LTE, FDD-LTE, WCDMA
Live view	Real time remote viewing over 4G, 3G or Wi-Fi
Positioning	Built-in GPS and BeiDou module

DRIVER AI AND RECOGNITION	
ADAS	Connects an ADAS camera for real time forward collision and lane warnings
DSM	Connects a DSM camera that detects fatigue, distraction, smoking and phone use
Plate recognition	Recognises car plate licence numbers

ALARMS AND INTERFACES	
Alarm input	6 channels, plus 1 AD input and an impulse speed input, with alarm linkage
Alarm output	2 channels. Drives a light or sound alarm, or an oil or power cut off

SPECIFIED AT ORDER	
Voice call	Supported
TTS broadcast	Text to speech voice announcements
Serial expansion	LED advertisement panel, oil sensor, car OBD, two way talking

POWER AND PHYSICAL	
Power input	Wide voltage, DC +10 V to +36 V
Power output	+12 V at 1.5 A, +5 V at 1.5 A
Operating temperature	-20 °C to +70 °C
Dimensions (D × W × H)	218 × 161 × 65 mm
Weight	2.2 kg
Operating system	Linux
Menu languages	English, Chinese, or customised
IP rating	Not published
Certifications	Not published