

Xignal Portable 4G PTZ Camera

A PTZ camera that does not need a vehicle at all. It runs ten hours on its own battery, streams over its own 4G SIM, and lifts out of a hard case onto a tripod in a couple of minutes. It is also the only PTZ we supply with a published optical zoom, at 20x or 30x, on a sensor that sees down to 0.005 lux.

**10 h****ON BATTERY**

Charges in under 5 hours

30x**OPTICAL ZOOM**

20x or 30x, plus 16x digital

0.005**LUX IN COLOUR**

0.001 lux in black and white

360°**PAN RANGE**

-20 to +90 degrees tilt

3.5 kg**NET WEIGHT**

258 x 161 mm

2**TF CARD SLOTS**

Recording in the head

MAIN FEATURES

- Runs 10 hours at room temperature on its own lithium pack, recharging in under 5 hours
- 20x or 30x optical zoom with 16x digital, on a 1/2.8 inch progressive scan CMOS sensor
- 0.005 lux in colour and 0.001 lux in black and white, at F1.2 with AGC on
- Electronic shutter from a full second to 1/30,000, with ICR day and night switching
- Array infrared to 60 to 80 metres
- 4G or 3G on its own SIM, with a built-in Wi-Fi module and 4G access point mode
- Built-in GPS, so the camera records where it was standing
- Records locally to two TF cards, with dual stream at 1080P, 720P or D1
- 360 degree pan with -20 to +90 tilt, on Pelco-D or Pelco-P
- Ships as a kit: host, cable, charger, tripod and tray, protective case and manual

Figures published by the manufacturer, which lists this camera by description rather than by a model number. Two things worth reading closely. This is the only PTZ we supply with a published optical zoom figure, and it publishes far more of its camera specification than the two vehicle-mounted heads do. But it publishes no IP rating, which matters more here than on the others because this is the one designed to be carried outdoors and stood on open ground, so ask us before deploying it in rain or blown sand. Note also that the automatic tracking listed under white balance is a colour setting, not subject tracking. 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

PORTABLE OPERATION

Battery	Large capacity lithium pack, with a remaining charge reminder
Working time	10 hours at room temperature
Charging time	Under 5 hours
Supplied with	Host unit, integrated cable, charger, tripod and tray, protective case and manual
Net weight	3.5 kg

Gross weight	9.6 kg, as shipped in its case
Dimensions (H × diameter)	258 × 161 mm
CAMERA	
Sensor	1/2.8 inch progressive scan CMOS
Optical zoom	20x or 30x
Digital zoom	16x
Resolution	1920 × 1080 or 1280 × 720, at 25 or 30 fps
Minimum illuminance	0.005 lux in colour, 0.001 lux in black and white, at F1.2 with AGC on
Day and night	ICR filter switching
Electronic shutter	1/1 s to 1/30,000 s
White balance	Automatic or manual, with sunny, cloudy, dusk, incandescent, sodium and fluorescent presets
Noise reduction	3D
Infrared	60 to 80 metres
TV system	PAL or NTSC
MOVEMENT	
Pan range	360 degrees
Tilt range	-20 to +90 degrees
Protocol	Pelco-D and Pelco-P
Preset positions	Not published
Pan and tilt speed	Not published
Subject auto-tracking	Not published
RECORDING AND NETWORK	
Operating system	Linux
Video compression	H.265 or H.264
Dual stream	Primary and secondary
Recording resolution	1080P, 720P or D1
Local storage	2 TF cards
Cellular	4G or 3G on a single SIM, full network or a private network protocol
Wi-Fi	Built-in module, 802.11 b/g/n
Hotspot	Runs as a 4G access point, or joins a router in station mode
Positioning	Built-in GPS
Preview	Supported
Extension ports	RS232, RS485, sensor in, sensor out and the charging port
ENVIRONMENT	
Operating temperature	-15 °C to +50 °C
Humidity	Under 90%
IP rating	Not published
Certifications	Not published