

Xignal Vehicle PTZ Camera, AHD or IP

A steerable camera for the roof of a vehicle, and the only product in this range with a published IP rating. It turns through 360 degrees without stopping, holds 256 preset positions, sees 100 to 120 metres on array infrared with a laser illuminator beyond that, and carries a wiper and a heated housing so the lens stays clear. It runs on AHD to a recorder or over IP with ONVIF.

**360°****PAN RANGE**

Endless rotation, no stop

IP66**SEALED**

Plus a wiper and a heated housing

120 m**INFRARED**

Array IR, 30,000 hour rated

808 nm**LASER**

Illuminator that zooms with the lens

256**PRESETS**

Plus 6 tracking tours

6 kg**WEIGHT**

A full size outdoor head

MAIN FEATURES

- 360 degree endless pan with +60 to -90 tilt, onto any of 256 preset positions
- Pan at up to 100 degrees per second, tilt at up to 80
- Array infrared night vision to 100 to 120 metres, rated to 30,000 hours
- 808 nm laser illuminator that narrows its beam as the lens zooms in, 3 W or 5 W at order
- IP66 housing with a wiper across the lens
- Independent defogging and defrosting module, heating the whole shell to clear the lens
- Integrated upper and lower structure, so the head and the infrared housing cannot misalign
- Built-in regulator that filters transient current from the vehicle supply
- Runs on AHD to a recorder, or over IP with ONVIF, PSIA, CGI and ISAPI
- Steered over RS485 with Pelco-D or Pelco-P, the protocol every Xignal recorder publishes

Figures published by the manufacturer, which lists this camera by description rather than by a model number. Read the gaps as gaps: there is no published optical zoom factor, which on a PTZ camera is the figure most buyers want first, and no published dimensions, input voltage or power draw. We will get any of them confirmed in writing before you order rather than estimate them. 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

MOVEMENT

Pan range	360 degrees, endless rotation
Tilt range	+60 to -90 degrees
Pan preset speed	100 degrees per second
Tilt preset speed	80 degrees per second
Pan control speed	0 to 60 degrees per second
Tilt control speed	0 to 40 degrees per second
Presets and tours	256 preset positions, 6 tracking tours

CAMERA AND NIGHT VISION		
Video out		Maximum 1080P
Sensor		Megapixel digital high definition movement and HD sensor, compatible with mainstream HD platforms
Infrared night vision		Array infrared, multi-angle, 100 to 120 metres, rated to 30,000 hours
Laser night vision		808 nm laser with synchronous zoom. Spot angle 1 to 50 degrees, adjustable or automatic. 3 W or 5 W at order
Optical zoom		Not published
Frame rate		Not published
CONTROL AND INTEGRATION		
Control		RS485 with 16 built-in protocols, baud rate 2400 to 19200
Protocol		Pelco-D and Pelco-P
Interface protocols		ONVIF, PSIA, CGI and ISAPI
Network protocols		TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6, GB28181. SIP and SRTP at order
Video compression		H.265 or H.264
Audio compression		G.722.1, G.711 a-law, G.711 u-law, MP2L2 and G.726
Output rate		32 Kbps to 12 Mbps
Storage		MicroSD card in the camera
Alarms		Motion detection, mask alarm, memory full and memory error
Other		Dual stream, heartbeat and password protection
HOUSING AND ENVIRONMENT		
IP rating		IP66
Wiper		Fitted
Defogging and defrosting		An independent module, with heating elements through the housing so the whole shell clears the lens
Operating temperature		-35 °C to +65 °C
Relative humidity		Under 90%
Impact resistance		4G or better
Power regulation		A regulator module that filters transient current from the vehicle, so the head stays steady
Construction		Integrated upper and lower structure, so the pan-tilt head and the infrared housing cannot knock out of alignment
Weight		6 kg
Mounting		A range of options depending on the vehicle
Dimensions		Not published
Input voltage		Not published
Power consumption		Not published