

VX 4 MP 32x Outdoor PTZ

HS-VX-PTZ32-4MP

4 MP outdoor PTZ. 32x zoom, 150 m infrared, 120 dB WDR, PoE+.



Low front angle



Front three-quarter



Side elevation

OVERVIEW

HS-VX-PTZ32-4MP is the 4 megapixel outdoor PTZ for sites that need reach more than they need a second camera. The image is 2688 x 1520. The lens is 4.5-144 mm, 32x optical zoom, with motorized autofocus. Pan is 360 degrees endless, tilt is 180 degrees, and there are 128 presets plus human tracking. Infrared at 850 nm reaches 150 metres or more on PoE+, which is the 32x infrared class without stepping up to a high-PoE midspan. Wide dynamic range is 120 dB and electronic image stabilisation holds the telephoto end when the pole moves. Audio is two-way. Colour needs 0.1 lux; with infrared the scene is 0 lux. It is specified for 50 Hz regions, IP66 and IK10, from -30 °C to 50 °C.

KEY FEATURES

- 4 megapixel, 2688 x 1520
- 32x optical zoom, 4.5-144 mm
- 360 degree pan, 180 degree tilt, 128 presets
- Human tracking

BEST USED FOR

Perimeters

32x from the fence line down to a person at the far corner.

Car parks

One camera over the entrance, the bays and the exit, on presets.

Gate lines

Zoom onto a vehicle, then talk down on the two-way audio.

Windy poles

Electronic stabilisation so the long end of the zoom stays usable.

ILLUMINATION

850 nm · 150 m reach

IMAGE

Up to 120 dB

LOW LIGHT

Colour 0.1 lux at 30 IRE, F1.4

AUDIO

Two-way, full duplex

Illumination and image

Characteristic

Value for this SKU

Minimum illumination	Colour 0.1 lux at 30 IRE, F1.4. Black and white 0.01 lux, or 0 lux with infrared on.
Wide dynamic range	Up to 120 dB, depending on the scene
Infrared	850 nm. Range of reach 150 m or more on PoE+, depending on the scene.
Stabilisation	Electronic image stabilisation
Codec	H.264, H.265 and Motion JPEG
Frame rate	Up to 50 fps on a 50 Hz supply

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Audio

Characteristic	Value for this SKU
Streaming	Two-way, full duplex
Input	External microphone or line
Output	Line
Encoding	AAC-LC, G.711, G.726 and Opus

Analytics

Characteristic	Value for this SKU
On this code	Human tracking, plus classification of people and vehicles
With the recorder	Motion, human and vehicle detection, and area intrusion, on the 36-channel AI NVR.

Camera

Characteristic	Value for this SKU
Form	Outdoor PTZ dome
Tier	Outdoor
Resolution	4 megapixel, 2688 x 1520, specified for this code
Day and night	Specified
Colour	White
Supply	Camera

Lens

Characteristic	Value for this SKU
Focal length	4.5-144 mm
Optical zoom	32x
Focus	Motorized auto focus

Movement

Characteristic	Value for this SKU
Pan	360 degrees, endless
Tilt	180 degrees
Presets	128
Tracking	Human tracking, specified for this code

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Power and interface

Characteristic	Value for this SKU
Power	PoE+, IEEE 802.3at Type 2 Class 4. Typical 10.5 W, maximum 19 W.
Supply region	Specified for 50 Hz regions
Operating temperature	-30 °C to 50 °C. Intermittent maximum 55 °C.
Recorder interface	ONVIF, RTSP and GB28181 are published on HS-VX-NVR36-STD. The camera profile is confirmed with Technical Support.

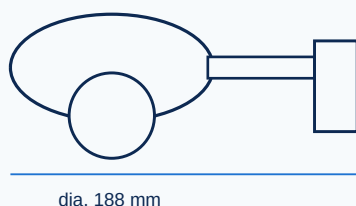
Mechanical

Characteristic	Value for this SKU
Ingress	IP66, specified for this code. In IEC 60529 that class is dust-tight and protected against powerful water jets.
Impact	IK10, specified for this code. In IEC 62262, IK10 is the 20 joule class.
Housing	White outdoor housing
Dimensions	217 mm high, 188 mm diameter.

Documentation

Characteristic	Value for this SKU
CPR / DoP	Not applicable. No Declaration of Performance is issued for this hardware.
Marking	CE and UKCA where the market of placement requires it. Certificate numbers are not printed on this sheet.
Warranty	Manufacturer warranty. See the VX product catalog.

OUTLINE



217 mm

Body size from the comparable 32x outdoor PTZ.
Height 217 mm. Diameter 188 mm.
Schematic only. Not a fabrication template.

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SYSTEM TOPOLOGY

1. 4 MP 32x outdoor PTZ PoE+	2. Hyperspan copper XR extended-reach where the channel allows	3. PoE edge Switch or injector, confirmed at design
4. VX 36-channel NVR 16-channel 4K decode	5. Surveillance storage Two bays. Approved 8 TB drive	6. HyperScan operation Viewing, and design-service integrations

NOTES

Power follows the PoE method printed for this code. The link is Hyperspan structured copper, including XR extended-reach copper where the channel design allows. Recording, 16-channel 4K decode and the published detection set sit on the 36-channel VX NVR. Surveillance storage uses the recorder's two drive bays.

Studio photographs are form-factor references. They are not a substitute for a published dimension.

Confirm firmware and the ONVIF profile with Hyperspan Technical Support before procurement. Whole-site ANPR and multi-camera tracking are a HyperScan design service.

Manufacturer warranty - see VX product catalog