NXPTZT SERIES2

NEW GENERATION OF DUAL VISION NETWORK PTZS WITH RADIOMETRIC FUNCTIONS FOR MARITIME AND INDUSTRIAL APPLICATIONS

VIDEOTEC

IP66/IP67
IP68/IP69

TYPE
4X

IP

- **PTZ network camera with dual sensor, thermal and Full HD**
- **Entirely made from AISI 316L electropolished stainless steel**
- **Maximum resistance in corrosive environments**
- **Junction box with integrated SFP slot to allow fiber optic connection**

ONVIF® | QST   SONY

APPROVED LR TYPE APPROVAL SCHEME

MAXIMUM RESISTANCE IN THE MOST CRITICAL ENVIRONMENTS

The new NXPTZT SERIES2 is a Dual Vision network PTZ that incorporates a colour Day/Night camera and a LWIR thermal camera with radiometric functions.

This PTZ guarantees a higher level of protection in preventative security applications in highly corrosive environments, such as industrial and marine offshore/onshore areas where events may need to be detected at great distances and in critical conditions such as total darkness or low visibility.

The NXPTZT SERIES2 is resistant to rust and corrosion and does not require maintenance thanks to the absolute precision of the construction process and the solid AISI 316L stainless steel construction with micro-shot and electropolished surfaces.

CERTIFIED QUALITY

A huge number of tests of all types are carried out on products so that they comply with the strict requirements of the quality standards. The results leave no doubt about the exceptional robustness, undeniable reliability and unrivalled performance of Videotec's products.

IP66/IP67/IP68 certification guarantees complete protection against weather and water immersion. In addition, the IP69 certification means the product can be cleaned with high pressure and high temperature water. NXPTZT SERIES2 operates at maximum efficiency between -40°C and +65°C.

INSTALLATION FLEXIBILITY

Compared to the previous generation, the SERIES2 range cameras have the possibility of easily connecting the PTZ using fibre optic thanks to the slot of the SFP module installed directly at the bottom of the unit and on installation of the specific accessory NXPTZSFP which provides a cable input on the product dedicated to fibre optic.

There are numerous accessories available including a washing system, and wall, parapet, corner and pole supports that mean installation is extremely flexible.

As well as this, the compact design means it can be installed in the tightest spaces, while the unit's reduced weight makes assembly simple.

SONY FCB-EV7520 CAMERA

NXPTZT SERIES2 with SONY FCB-EV7520 camera incorporates a 30x zoom lens and a 1/2.8" Exmor R™ CMOS type sensor with Full HD 1080/60p resolution capable of producing an impeccable quality image even for objects in motion and more difficult lighting conditions.

The camera's high sensitivity means you get colour video with a minimum illumination of just 0.0013lx (0.0008lx in black and white). This guarantees surveillance coverage even when lighting at the scene is very poor.

The advanced SONY technology offers configurable Image Electronic Stabilizer and High Light Compensation, that allows optimal management of areas subject to vibrations and contrasting light and dark conditions. This is a useful requisite in all applications whose camera can be exposed to wind or mechanical vibrations, especially if installed on unstable structures such as a bridge or a pole (for example monitoring of traffic, ports, bridges, etc.).

You can set up to 24 dynamic privacy zone masks. These masks change size based on the pan/tilt/zoom position so objects that shouldn't be seen remain hidden.

Up to a maximum of 3 simultaneous and independent video streams can be transmitted via network in H.264/AVC, MPEG4, MJPEG or JPEG format

THERMAL CAMERA WITH RADIOMETRY FUNCTIONS

The integrated LWIR thermal camera can identify targets moving in the dark or at distance with extreme accuracy. As well as this, it has radiometric functions that allow precise temperature detection based on the image's 4 main pixels.

The device can be configured so that it independently generates a Radiometric Alarm and/or Warning via ONVIF Events on the VMS. For example, an event can be sent when: the temperature is below a settable value; the temperature is above a settable value; the temperature is between two settable values; the temperature is outside two settable values. This function is particularly useful when monitoring industrial processes.

In camera models with advanced radiometric functions, up to 5 ROIs (Regions of Interest) can be set for each preset position. The defined ROIs are scaled proportionally to the digital zoom. So, when zooming in the ROI is increased and when zooming out the ROI is decreased. PTZ ROIs are set to preset PAN and TILT positions (not zoom) so they then change in relation to the zoom. In camera models with advanced radiometric functions, thermal cameras offer three temperatures: minimum, average and maximum. Radiometric rules can be linked to exceeding one of these three temperature thresholds.

GEOMOVE FUNCTION

The new NXPTZT SERIES2 PTZ video cameras can be geo-localized on the maps to support the GeoMove features..

The GeoMove feature is very useful in perimeter surveillance systems and for port traffic control because it lets you capture any target through geographic coordinates, even in critical visibility or offshore conditions.

The GeoMove feature can typically be activated using a camera with Videotec Analytics on board, or through third-party software such as Video Management Software (VMS), which provide the geographic coordinates of a target and use them to guide the Videotec PTZ cameras to capture the target. The coordinates can also be sent in the same way using Vessel Tracking Services (VTS - navigation control services) or using radar control systems.

100% MADE IN VIDEOTEC

SERIES2 offers an integrated certified all-in-one professional solution. Since everything from mechanics to electronics, positioning and networking, software and firmware are all proudly developed end-to-end by Videotec's internal teams, as is the case for all the company's products, these PTZs come with the Videotec guarantee of being reliable, cyber-safe, future-proof and easily integrated with third-party products.

At the heart of Videotec's product development is the concept of cyber-sustainability. To help customers protect their video surveillance systems and keep them secure, Videotec provides constant updates, training and support throughout the lifecycle of its products, regardless of how old the device is or whether it is still for sale.

Thanks to digitally signed firmware, password-restricted access, access control, centralised management of certificates and compliance with ONVIF Security Service specifications, Videotec guarantees that all its IP products will have the highest level of security during data transfer and device access.

In the SERIES2, Videotec has expanded the list of compatible software, but has not changed the tested and proven software functions and protocols already found in the NXPTZ series.

TECHNICAL DATA

GENERAL

AISI 316L stainless steel construction

External surfaces micro-shot peened and electro-polished

Dynamic positioning control system

Maximum number of presets: 250

Radiometric analysis:

- on the 4 central pixels, if the thermal camera has radiometric functions
- definition of a specific area, if the thermal camera has advanced radiometric functions

Radiometric alarm activation: if the temperature is over the threshold set, under the threshold set, between two thresholds set or outside the two thresholds set.

Actions on alarm: activation of digital output, preset tour recall, home position recall, preset position recall and http get request.

MECHANICAL

Zero backlash

Pre-wired multipolar cable (3m (9.8ft), different lengths are available on request)

Horizontal rotation: 360°, continuous rotation

Vertical rotation: from -90° up to +90°

Horizontal speed (variable): from 0.1°/s up to 100°/s

Tilt speed (variable): from 0.1°/s up to 100°/s

Accuracy of preset positions: 0.02°

Unit weight: 24kg (53lb)

HOUSING'S WINDOW

Extra clear glass window

- Thick: 5mm (0.2in)

Germanium window (9mm, 13mm, 19mm, 25mm, 35mm lenses)

- Thick: 1.5mm (0.06in)
- External treatment: antiscratch (Hard Carbon Coating - DLC)
- Internal treatment: antireflection
- Spectral range: from 7.5μm up to 14μm
- Medium transmittance (from 7.5μm up to 11.5μm): 91.2%
- Medium transmittance (from 11.5μm up to 14μm): 80.9%

Germanium window (50mm lens)

- Thick: 2mm (0.08in)
- External treatment: antiscratch (Hard Carbon Coating - DLC)
- Internal treatment: antireflection
- Spectral range: from 7.5μm up to 14μm
- Medium transmittance (from 7.5μm up to 11.5μm): 90%
- Medium transmittance (from 11.5μm up to 14μm): 77%

ELECTRICAL

Supply voltage/Current consumption:

- 230Vac ±10%, 0.5A max, 50/60Hz
- 120Vac ±10%, 1A max, 50/60Hz
- 24Vac ±10%, 5A max, 50/60Hz

Power consumption:

- 120W max
- 30W, P&T static, heating switched off

NETWORK

RJ45 port

- Ethernet connection: 10BASE-T/100BASE-T

Slot SFP (SMALL FORM FACTOR PLUGGABLE)

- Ethernet connection:100BASE-FX
- Supply voltage: 3.3V
- Standard: MSA compliant

The SFP module (not supplied by VIDEOTEC) must meet the following requirements:

- Laser: Class 1, complies with EN60825-1
- Certification: UL/IEC 60950-1 or UL/IEC 62368-1

CYBERSECURITY

Digitally signed firmware

Password restricted access (HTTP digest)

Support of various user access levels

Control of accesses IEEE 802.1X

HTTPS cryptography using TLS1.0, TLS1.1, TLS1.2 and TLS1.3

Centralised certificate management

Complies with ONVIF Security Service specifications

I/O INTERFACE

I/O alarm board:

- Alarm inputs: 1
- Relay outputs: 1+1 (1 relay reserved for washer pump and one configurable, 1A, 30Vac/60Vdc max)

Input for remote reset: 1

VIDEO

Day/Night camera

Video encoder

- Communication protocol: ONVIF, Profile Q, Profile S and Profile T
- Device configuration: TCP/IPv4-IPv6, UDP/IPv4-IPv6, HTTP, HTTPS, NTP, DHCP, WS-DISCOVERY, DSCP, IGMP (Multicast), SOAP, DNS
- Streaming: RTSP, RTCP, RTP/IPv4-IPv6, HTTP, Multicast
- Video compression: H.264/AVC, MJPEG, MPEG4, snapshot JPEG
- 3 independent video streams Full HD
- Image resolution: from 320x180pixel up to 1920x1080pixel in 8 steps
- Selectable frame rate from 1 to 60 images per second (fps)
- Web Server
- Directional OSD (maximum 4 settable areas)
- Motion Detection
- QoS: Differentiated DSCPs for streaming and device management
- SNMP and NTCIP protocols

Thermal Camera

Video encoder

- Communication protocol: ONVIF, Profile Q, Profile S and Profile T, ONVIF Thermal Service
- Device configuration: TCP/IPv4-IPv6, UDP/IPv4-IPv6, HTTP, HTTPS, NTP, DHCP, WSDISCOVERY, DSCP, IGMP (Multicast), SOAP, DNS
- Streaming: RTSP, RTCP, RTP/IPv4-IPv6, HTTP, Multicast
- Video compression: H.264/AVC, MJPEG, MPEG4, snapshot JPEG
- 3 independent video streams
- Image resolution: from 160x120pixel up to 720x480pixel in 5 steps
- Selectable frame rate from 1 to 30 images per second (fps)
- Web Server
- Directional OSD (maximum 4 settable areas)
- Motion Detection
- QoS: Differentiated DSCPs for streaming and device management
- SNMP and NTCIP protocols

CAMERAS

Day/Night camera

SONY FCB-EV7520 Day/Night Full HD 30x

Resolution: Full HD 1080p (1920x1080)

Image Sensor: 1/2.8" Exmor™ R CMOS sensor

Effective Pixels: approx. 2.13 Megapixels

Minimum Illumination:

- Colour: 0.0013lx (50 IRE, High sensitivity on)
- B/W: 0.0008lx (30 IRE, High sensitivity on)

Focal length: from 4.3mm (wide) up to 129mm (tele)

Zoom:

- 30x
- 36x, with Stable Zoom enabled

Digital Zoom: 12x

Iris: from F1.6 up to F14 (Auto, Manual)

Horizontal Viewing Angle: from 63.7° (wide end) up to 2.3° (tele end)

Vertical Viewing Angle: from 38.5° (wide end) up to 1.3° (tele end)

Shutter speed: from 1/1s up to 1/10000s (Auto, Manual)

White balance: Auto, Auto Tracing, Indoor, Outdoor, Manual, Outdoor Auto, Sodium Lamp (Fix/Auto/Outdoor Auto)

Gain: from 0dB up to 50.0dB (Auto, Manual)

Wide Dynamic Range: 120dB

Focus System: Auto (PTZ Trigger, Full Auto), Manual

Picture Effects: E-flip

Noise removal (2D, 3D): Off, On (from level 1 up to level 5)

Exposure Control: Auto, Manual, Priority (Shutter priority, Iris priority, Brightness priority)

De-fog: Off, Low, Mid, High

Dynamic masking of privacy zones (PTZ): maximum 24 masks settable, maximum 8 simultaneously displayable

Privacy zones masking (cameras): maximum 8 settable masks

Indoor Flicker Reduction

Gain Limit: from10.7dB up to 50dB

High sensitivity: On/Off

Backlight Compensation: On/Off

Auto Slowshutter: On/Off

Exposure compensation: Off, On (from -10.5dB up to +10.5dB)

Sharpness: from level 0 up to level 15

High Light Compensation (HLC): Off, Low, Mid, High, Masking Level (Off, On, from level 1 up to level 15)

Digital image stabilization: On/Off

Thermal Camera

Please refer to the relevant table.

ENVIRONMENT

For indoors and outdoors installation

Operating temperature

- Continuous working: from -40°C (-40°F) up to +65°C (149°F)
- Temperature test complies with NEMA-TS 2-2003 (R2008) par. 2.1.5.1, test profile fig. 2-1 (from -34°C (-29.2°F) to +74°C (165.2°F))
- De-icing function intervention (cold start): from -40°C (-40°F) up to -10°C (14°F)

Relative humidity: from 5% up to 95%

CERTIFICATIONS

Electrical safety (CE): EN60950-1, IEC60950-1, EN62368-1, IEC62368-1

Electromagnetic compatibility (CE): EN61000-6-4, EN61000-3-2, EN61000-3-3, EN50130-4, EN55032 (Class A)

Outdoor installation (CE): EN60950-22, ICE60950-22

IP protection degree (EN/IEC60529): IP66, IP67, IP68, IP69

UL certification (UL60950-1, CAN/CSA C22.2 No. 60950-1-07, UL62368-1, CAN/CSA C22.2 No. 62368-1-14): cULus Listed (only for 24Vac version)

Electromagnetic compatibility (North America): FCC part 15 (Class A), ICES-003 (Class A)

Level of protection Type (UL50E): 4X (only for 24Vac version)

EAC certification

RoHS (CE): EN IEC 63000

Waste Electrical and Electronic Equipment (WEEE), Directive 2012/19/EU

NDAA-compliant

CERTIFICATIONS - MARINE APPLICATIONS

Lloyd's Register Marine Type Approval certification (the 24Vac and 120Vac versions require a filter accessory FM1010):

- Test Specification Number 1 (ENV1, ENV2, ENV3, ENV5)

Electromagnetic compatibility: EN60945

Salty fog resistance: EN60068-2-52

Tested at 70°C (158°F) for 16 hours in compliance with EN60068-2-2

ACCESSORIES

COMB100A	Communication box in polycarbonate, IN from 220Vac up to 230Vac, OUT 24Vac
COMB200A	Communication box in polycarbonate, IN 24Vac, OUT 24Vac
COMB300A	Communication box in polycarbonate, IN from 120Vac up to 127Vac, OUT 24Vac
FM1010	EMC filter for Marine certification
NXPTZSFP	Adaptor for connection of fiber optics
WASPT0V5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L5M00	Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L11M00	Water tank 23l (6gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac
WASPT1V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WASPT3V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac
WASNX1V10L20M00	Tank 10l (2.6gal) with integrated manual pump, controlled by solenoid valve, IN 230Vac, delivery head up to 30m (98ft), with 20m (66ft) antistatic water delivery pipe
WASNX2V10L20M00	Tank 10l (2.6gal) with integrated manual pump, controlled by solenoid valve, IN 24Vac, delivery head up to 30m (98ft), with 20m (66ft) antistatic water delivery pipe
WASNX3V10L20M00	Tank 10l (2.6gal) with integrated manual pump, controlled by solenoid valve, IN 120Vac, delivery head up to 30m (98ft), with 20m (66ft) antistatic water delivery pipe
CMSN2200	Unarmoured black cable, available by the metre (minimun order 10m (32.8ft)): 2 Ethernet cables, 3 power supply wires, 2 coaxial video cable, 15 wires for alarms, relays and telemetry
CMAN1300	Armoured black cable, available by the metre (minimum order 10m (32.8ft)): 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 8 conductors for alarms and relay

For further details on cable codes please refer to the relevant datasheet.

BRACKETS AND ADAPTORS

NXPTZWB	AISI 316L stainless steel wall bracket
NXPTZTW	AISI 316L stainless steel parapet or ceiling mounting bracket
NXPTZCOL	AISI 316L stainless steel pole adapter module
NXPTZCW	AISI 316L stainless steel corner adapter module

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
NXPTZT	28.5kg (63lb)	54x31x49cm (21x12x19in)	-

THERMAL CAMERAS (RESOLUTION 336X256)

Lens	9mm	13mm	19mm	25mm	35mm	50mm
VOx microbolometer sensor not cooled	√	√	√	√	√	√
Interpolated resolution	720x480	720x480	720x480	720x480	720x480	720x480
Pixel dimensions	17µm	17µm	17µm	17µm	17µm	17µm
Spectral response - long wave infrared (LWIR)	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm
Internal shutter (only for sensor compensation)	Video stop <1s	Video stop <1s	Video stop <1s	Video stop <1s	Video stop <1s	Video stop <1s
Digital Detail Enhancement (DDE)	√	√	√	√	√	√
Digital Zoom	2x, 4x	2x, 4x	2x, 4x	2x, 4x	2x, 4x	2x, 4x
Image updating frequency	7.5fps	7.5fps	7.5fps	7.5fps	7.5fps	7.5fps
Image updating high frequency	30fps	30fps	30fps	30fps	30fps	30fps
Scene range (High Gain)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)
Scene range (Low Gain)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)
Horizontal field of view (HFOV)	35°	25°	17°	13°	9.3°	6.5°
Vertical field of view (VFOV)	27°	19°	13°	10°	7.1°	5°
f-number	f/1.25	f/1.25	f/1.25	f/1.1	f/1.2	f/1.2
Thermal sensitivity (NETD), thermal camera with radiometric functions	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0
Thermal sensitivity (NETD), thermal camera with advanced radiometric functions	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0
Person (detection / recognition / identification)	285m / 71m / 36m (935ft / 233ft / 118ft)	440m / 112m / 56m (1443ft / 2368ft / 183ft)	640m / 160m / 80m (2099ft / 524ft / 262ft)	930m / 230m / 116m (3051ft / 754ft / 380ft)	1280m / 320m / 160m (4199ft / 1050ft / 525ft)	1700m / 430m / 215m (5577ft / 1410ft / 715ft)
Car (detection / recognition / identification)	880m / 220m / 108m (2887ft / 722ft / 354ft)	1340m / 340m / 170m (4396ft / 1115ft / 557ft)	1950m / 500m / 250m (6397ft/ 1640ft/ 820ft)	2800m / 710m / 360m (9186ft / 2329ft / 1181ft)	3850m / 950m / 295m (12631ft / 3116ft / 967ft)	5100m / 1320m / 660m (16732ft / 4330ft / 2165ft)

Radiometric analysis does not affect camera performance.

THERMAL CAMERAS (RESOLUTION 640X512)

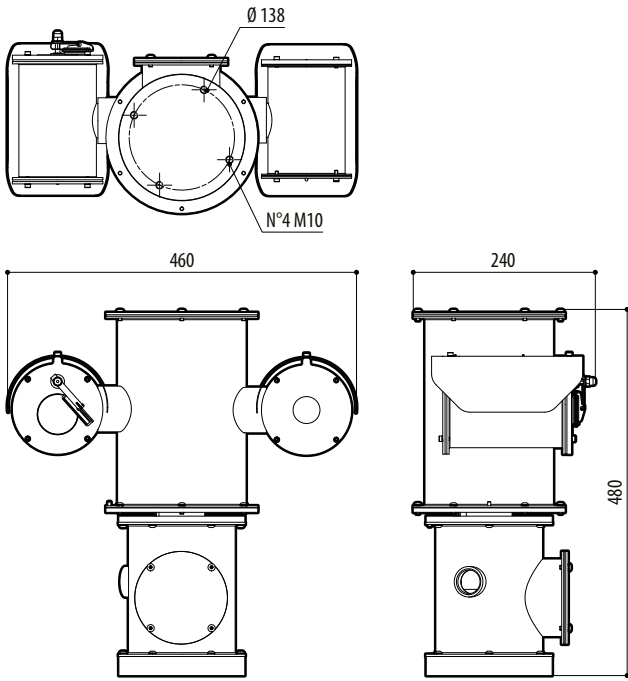| Lens	9mm	13mm	19mm	25mm	35mm	50mm
VOx microbolometer sensor not cooled	√	√	√	√	√	√
Interpolated resolution	720x480	720x480	720x480	720x480	720x480	720x480
Pixel dimensions	17µm	17µm	17µm	17µm	17µm	17µm
Spectral response - long wave infrared (LWIR)	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm	from 7.5µm to 13.5µm
Internal shutter (only for sensor compensation)	Video stop <1s	Video stop <1s	Video stop <1s	Video stop <1s	Video stop <1s	Video stop <1s
Digital Detail Enhancement (DDE)	√	√	√	√	√	√
Digital Zoom	2x, 4x, 8x	2x, 4x, 8x	2x, 4x, 8x	2x, 4x, 8x	2x, 4x, 8x	2x, 4x, 8x
Image updating frequency	7.5fps	7.5fps	7.5fps	7.5fps	7.5fps	7.5fps
Image updating high frequency	30fps	30fps	30fps	30fps	30fps	30fps
Scene range (High Gain)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)	-40°C ÷ +160°C (-40°F ÷ +320°F)
Scene range (Low Gain)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)	-40°C ÷ +550°C (-40°F ÷ +1022°F)
Horizontal field of view (HFOV)	69°	45°	32°	25°	18°	12.4°
Vertical field of view (VFOV)	56°	37°	26°	20°	14°	9.9°
f-number	f/1.4	f/1.25	f/1.25	f/1.1	f/1.2	f/1.2
Thermal sensitivity (NETD), thermal camera with radiometric functions	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0	<50mK at f/1.0
Thermal sensitivity (NETD), thermal camera with advanced radiometric functions	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0	<30mK at f/1.0
Person (detection / recognition / identification)	250m / 63m / 31m (820ft / 207ft / 102ft)	390m / 95m / 47m (1280ft / 312ft / 154ft)	570m / 144m / 72m (1870 / 472 / 236ft)	820m / 210m / 104m (2690ft / 689ft / 341ft)	1140m / 280m / 142m (3740ft / 919ft / 466ft)	1500m / 380m / 190m (4921ft / 1247ft / 623ft)
Car (detection / recognition / identification)	720m / 175m /88m (2362 / 574 / 289ft)	1080m / 275m / 140m (3543ft / 902ft / 459ft)	1550m / 400m / 200m (5085ft / 1312ft / 656ft)	2200m / 580m / 290m (7218ft / 1903ft / 951ft)	3000m / 800m / 200m (9843ft / 2625ft / 656ft)	3900m / 1060m / 540m (12795ft / 3478ft / 1772)

Radiometric analysis does not affect camera performance.

NXPTZT SERIES2 - CONFIGURATION OPTIONS

		Voltage		Day/Night camera		Thermal camera		Options			Revision		Frequency
NXPTZT	**1**	230Vac	**2**	SONY FCB-EV7520 camera, FULL HD 1080p, 30x	**Y**	6.5° HFOV, Thermal camera 50mm, 336x256	**W**	Thermal camera with radiometric functions	**0Z00**	**C**	Complies with ONVIF, Profile Q, Profile S and Profile T	**-**	7.5Hz
	2	24Vac			**A**	9.3° HFOV, Thermal camera 35mm, 336x256	**R**	Thermal camera with advanced radiometric functions		**J**	Complies with ONVIF, Profile S and Profile T	**H**	30Hz
	3	120Vac			**B**	13° HFOV, Thermal camera 25mm, 336x256							
					V	17° HFOV, Thermal camera 19mm, 336x256							
					F	25° HFOV, Thermal camera 13mm, 336x256							
					C	35° HFOV, Thermal camera 9mm, 336x256							
					W	12.4° HFOV, Thermal camera 50mm, 640x512							
					D	18° HFOV, Thermal camera 35mm, 640x512							
					E	25° HFOV, Thermal camera 25mm, 640x512							
					U	32° HFOV, Thermal camera 19mm, 640x512							
					G	45° HFOV, Thermal camera 13mm, 640x512							
					H	69° HFOV, Thermal camera 9mm, 640x512							

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.

NXPTZT SERIES2