

NDE-8513-RX Fixed dome 4MP HDR X 4.4-10mm PTRZ IP66 FLEXIDOME IP starlight 8000i



The FLEXIDOME IP starlight 8000i - 4MP X series camera offers a 1/1.8" sensor, starlight X and HDR X technology at 4.1MP resolution. It provides the perfect balance between high resolution and extreme low-light sensitivity with starlight X technology, ensuring highly detailed images even in the most challenging situations.

HDR X enables the camera to capture video with a wide dynamic range across different light levels and without HDR motion blur and artefacts on moving objects. Fast moving objects are easily captured with frame rates of up to 60 frames per second at the same 4.1 MP resolution.

The camera's remote commissioning functionality makes sure installation and commissioning can be done in very little time. Using a PC or a mobile device with the Bosch Project Assistant app, you can pan, tilt, roll and zoom (PTRZ) and point the camera to the required field of view with a single click - without ever having to touch the camera or lens.











- ► Motorized Pan, Tilt, Roll, and Zoom (PTRZ) to set the required field of view, without having to touch the camera or lens allows for remote configuration and commissioning
- ➤ Starlight X technology with 1/1.8" 4.1MP sensor for next level low-light performance with maximum detail
- ► HDR X High Dynamic Range to see every detail in both bright and dark areas of the scene without motion artefacts
- ► Built-in Intelligent Video Analytics with object detection to trigger alerts and quickly retrieve data with the highest levels of reliability
- ➤ Camera Trainer to train the camera to recognize user-specified target objects for both moving and non-moving objects

Functions

Full Remote Commissioning

Installing a professional IP video surveillance camera has never been so easy. In fact, as an installer, you'll never want to go back to the old methods of installing cameras again. We've simplified the installation and commissioning stages to such a degree that they can be done in very little time.

With the FLEXIDOME IP starlight 8000i camera's remote commissioning functionality there's no need to go up and down ladders. Using a PC or a mobile device with the Bosch Project Assistant app, you can pan, tilt, roll and zoom (PTRZ) and point the camera to the required field of view with a single click - without ever having to touch the camera or lens. Remote configuration and commissioning can also be done at a later stage once all cameras have been installed. Simply connect to the camera remotely via the network using the Bosch Project Assistant app, the camera's web interface, or the Bosch Configuration Manager.

Fast performance

The 60 frames per second mode provides for optimum performance in fast action scenes and makes sure no critical data is lost. In combination with the high 4.1MP resolution, it allows for high detail video capture of fast moving objects while at the same time providing situational awareness.

Starlight X - Next level starlight performance

Starlight X technology combines the latest high performance, large pixel sensors, optics, improved image processing and noise suppression, resulting in a 5.5x improved sensitivity compared to the standard starlight camera.

HDR X - High Dynamic Range

HDR X is a new technology that combines unique sensor functionality and advanced algorithms. It is a huge leap forward in capturing high quality video of moving objects in scenes with a large dynamic range. It also allows HDR imaging at lower light levels in which traditional HDR technologies are non-functional. This is possible because the HDR X - Motion optimized mode takes two different readouts from one exposure to capture details in both the highlights and shadows of the scene, instead of blending multiple exposures like standard HDR technologies. Blending multiple exposures reduces sharpness and creates unwanted imaging artefacts on moving objects. HDR X resolves these issues, providing a crisp image with improved dynamic range.

In case an even larger dynamic range is required, HDR X - Optimized DR or HDR X - Extreme DR will further increase performance to an absolute maximum by adding another fast exposure. This combines the benefits from HDR X - Motion optimized and traditional HDR.

Scene modes

Nine configurable modes are provided with the best settings for a variety of applications. In one click fully optimized image settings can be selected to suit the conditions. Different scene modes can be selected for different situations such as traffic or retail environments.

Intelligent streaming

Smart encoding capabilities, together with Intelligent Dynamic Noise Reduction technology and analytics, reduce the bandwidth consumption to extremely low levels. Only relevant information in the scene, like motion, or objects found with the analytics, need to be encoded.

The camera is capable of quad streaming which allows the camera to deliver independent, configurable streams for live viewing, recording, or remote monitoring via constrained bandwidths. Each of these streams can be adapted independently to deliver high quality video, perfectly tailored to purpose, while reducing bit rate by up to 90% compared to a standard camera.

H.265 high-efficiency video encoding

The camera is designed on the most efficient and powerful H.264 and H.265/HEVC encoding platform. The camera is capable of delivering high-quality and high-resolution video with very low network load. With a doubling of encoding efficiency, H.265 is the compression standard of choice for IP video surveillance systems.

Bitrate optimized profile

The average bitrate for the bitrate optimized profile using H.265 encoding in kbps for different frame rates can be found in the table provided below.

FPS at 4.1MP	Low activity	Medium activity	High activity
60	1287	1765	4239
30	776	1054	2536
25	680	1124	2218
15	471	710	1528
10	352	534	1140
5	215	329	693
3	150	231	482
1	70	108	222



Notice

Actual bitrate values may vary depending on scene complexity/activity and picture settings.

Recording and storage management

Recording management can be controlled by the Bosch Video Recording Manager application, or the camera can use local storage and iSCSI targets directly without any recording software. Local storage can be used for recording "at the edge" or for Automatic Network Replenishment (ANR) technology to improve the overall recording reliability. Pre-alarm recording in RAM reduces bandwidth consumption on the network and extends the effective life of the memory card.

Advanced edge recording

Advanced edge recording provides the most reliable storage solution possible due to the combination of the following functionalities:

- Dual SD cards that can be set up as either:
 - Mirrored, for redundant storage
 - Failover, for extended service intervals
 - Extended, for maximum retention time
- Industrial SD card support allows for extreme lifetime
- Health monitoring of industrial SD cards provide early service indications

Intelligent Video Analytics on the edge

The camera includes the latest release of the Intelligent Video Analytics application from Bosch. Specifically designed for the most demanding environments. It delivers the highest levels of accuracy for mission-critical applications such as perimeter protection of airports, critical infrastructures and government buildings, border patrol, ship tracking and traffic monitoring (e.g. wrong-way detection, traffic counts, monitoring roadsides for parked cars).

Intelligent Video Analytics is extremely resistant to false triggers caused by challenging environments with snow, wind (moving trees), rain, hail, and water reflections. It is ideal for providing automatic object detection over large distances.

The set-up of Bosch's video analytics is also second to none, which is great news for installers. Should your customer decide to use Intelligent Video Analytics, configuration and calibration couldn't be easier. Simply enter the height of the camera and the rest of the calibration is carried out by the video analytics itself based on information provided by the camera's built-in gyro sensor.

Camera Trainer

Based on examples of target objects and non-target objects, the Camera Trainer program uses machine learning to allow the user to define objects of interest and generate detectors for them. In contrast to the moving objects that the Intelligent Video Analytics application detects, the Camera Trainer program detects both moving and non-moving objects and classifies them immediately. Using Configuration Manager, you can configure the Camera Trainer program using both live video as well as recordings available through the respective camera. The resulting detectors can be downloaded and uploaded for distribution to other cameras.

A free of charge license is required to activate the Camera Trainer program.

DORI coverage

DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The maximum distance at which a camera/lens combination can meet these criteria is shown below:

4MP camera with 4.4 mm - 10 mm lens or 12 mm - 40 mm lens

DORI	DORI	Distance	Distance	Horizontal
	definition	4.4 mm / 10 mm	12 mm / 40 mm	width
Detect	25 px/m 8 px/ft	38 m / 121 m 118 ft / 377 ft	162 m / 479 m 505 ft / 1498 ft	108 m 336 ft

DORI	DORI definition	Distance 4.4 mm / 10 mm	Distance 12 mm / 40 mm	Horizontal width
Observe	63 px/m 19 px/ft	15 m / 48 m 50 ft / 159 ft	64 m / 190 m 213 ft / 631 ft	43 m 142 ft
Recognize	125 px/m 38 px/ft	8 m / 24 m 25 ft / 79 ft	32 m/96 m 106 ft/ 315 ft	22 m 71 ft
Identify	250 px/m 76 px/ft	4 m / 12 m 12 ft / 40 ft	16 m / 48 m 53 ft / 158 ft	11 m 35 ft

Data security

Special measures ensure the highest level of security for device access and data transport. On initial setup, the camera is only accessible over secure channels and enforces a password. Web browser and viewing client access can be protected using HTTPS or other secure protocols that support state-of-the-art TLS 1.2 with updated cipher suites including AES encryption with 256 bit keys. No software can be installed in the camera, and only authenticated firmware can be uploaded. A three-level password protection with security recommendations allows users to customize device access.

Network and device access can be protected using 802.1x network authentication with EAP/TLS. Superior protection from malicious attacks is guaranteed by the Embedded Login Firewall, on-board Trusted Platform Module (TPM) and Public Key Infrastructure (PKI) support.

The advanced certificate handling offers:

- Self-signed unique certificates automatically created when required
- · Client and server certificates for authentication
- · Client certificates for proof of authenticity
- · Certificates with encrypted private keys

System integration and ONVIF conformance

The camera conforms to the ONVIF Profile S, ONVIF Profile G, ONVIF Profile M, and ONVIF Profile T specifications. For H.265 configuration, the camera supports Media Service 2, which is part of ONVIF Profile T. Compliance with these standards guarantees interoperability between network video products regardless of manufacturer.

Third-party integrators can easily access the internal feature set of the camera for integration into large projects. Visit the Bosch Integration Partner Program (IPP) website (ipp.boschsecurity.com) for more information.

Universal accessories

A full line of universal accessories are available that allow a consistent design across different platforms and a wide range of installation possibilities.

Several dedicated accessories are available that seamlessly fit to the camera and expand the different installation options over previous generations. Available options include: a paintable cover, an oncamera weather protector, a clear or tinted replacement bubble, in-ceiling mounting kits, a surveillance cabinet with power and fiber optic options and different mounting options.

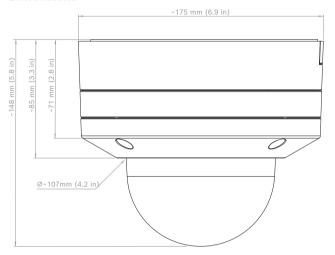
Regulatory information

Standards	Туре
Emission	EN 301 489-1, EN 50121-4 (EN 55016-2-1, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6), CFR 47 FCC, part 15, Class B, AS/NZS CISPR 32
Immunity	EN 301 489-1, EN 50130-4 (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6), EN 50121-4 (EN 55016-2-1, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6)
Environmental	EN 50130-5 Class IVA (EN 60068-2-2, EN 60068-2-5, EN 60068-2-6, EN 60068-2-18, EN 60068-2-27, EN 60068-2-30, EN 60068-2-42, EN 60068-2-52, EN 60068-2-75, EN 60068-2-78, EN 60529), UL 2043 when combined with NDA-8001-PLEN, Nema TS 2 Section 2
Safety	EN 62368-1, EN 60950-22, UL 62368-1, UL 60950-22, CSA C22.2 No. 62368-1-14, CAN/CSA-C22.2 No. 60950-22:07
Image performance	IEC 62676-5
HD	SMPTE 296M-2001 (Resolution: 1280x720)
	SMPTE 274M-2008 (Resolution: 1920x1080)
Color representation	ITU-R BT.709-6
ONVIF conformance	EN 50132-5-2, EN 62676-2
Impact protection	EN 62262 (IK10)
Water/dust protection	EN 60529 (IP66), ISO 20653 (IP6K9K), UL50E (Type 4X), UL 60950-22
Environment	2011/65/EU RoHS (EN 50581 and EN IEC 63000), 1999/45/EC and 1907/2006 REACH, 2012/19/EU WEEE, 94/62/EC Packaging
Marks	CE, cULus, WEEE, RCM, China RoHS, Cmim, UKCA

Region	Regulatory compliance/quality marks	
Great Britain	UKCA	FLEXIDOME IP startlight 8000i
Europe	CE	FLEXIDOME IP starlight 8000i

Installation/configuration notes

Dimensions



Parts included

Quantity	Component
1	FLEXIDOME IP 8000i camera
1	T-20 security Torx bit
1	Quick installation guide
1	Safety information
2	Rubber grommet for the Ethernet cable
1	Network patch cable 50 cm
1	10-pin I/O connector
1	2-pin power connector
1	Cable conduit for side entry
1	Washer for cable conduit
1	Adapter plate for cable conduit (Ø 3/4" / M25)
1	Adapter plate for cable conduit (Ø 1/2" / M20)
3	Identification label

Technical specifications

Power	
Input voltage	PoE IEEE 802.3af / 802.3at Type 1, Class 3; 24 VAC ±10%; 12-26 VDC ±10%; PoE and auxiliary power can be connected simultaneously for redundant operation

Power		
		12.95 W; 1 W - 12 VA / 13 W - 25 VA; :: 7.5 W / 16 W
Sensor		
Total sensor pixels (MP)		4.10 MP
Sensor type		1/1.8 inch CMOS
Effective picture elemen	ts (H x V px)	2688 px x 1520 px
Optical		
Zoom/focus control		Motorized zoom/focus
Iris control		P-iris
Field of View wide (°)		48° – 110°
Field of View tele (°)		27° – 56°
Lens focal length (mm)		4.40 mm – 10 mm
Lens aperture (/F)		1.3 /F - 1.97 /F
Video functions		
Camera functionality		Mirror image; Rotation 90°; Rotation 180°; Rotation 270° including upright mode; Backlight compensation (BLC); Intelligent dynamic noise reduction; Contrast enhancement; Sharpness enhancement; Intelligent defog; Pixe counter; Tamper detection; Saturation; Brightness
Minimum illumination in color (lx) (starlight sensitivity measured according to IEC 62676 Part 5)		0.0078 lx
Minimum illumination in monochrome (lx) (starlight sensitivity measured according to IEC 62676 Part 5)		0.0008 lx
Low light technology		starlight X
Number of privacy masks		8
Sensitivity		1/25; F1.3
White balance modes		Basic; Standard; Dominant color; Manual mode; Hold mode; 4 automatic modes; Sodium lamp
White balance (K)		2500 K – 10000 K

ALC	Mode (standard, fluorescent), Level , Average vs. peak, Speed, Maximum gain; Adjustable	
Day/night modes	Auto (adjustable switch points); Color; Monochrome	
Scene modes with scheduler	Traffic; Night optimized; Vibrant; Low bitrate; Sports & gaming; Retail; Intelligent AE; Indoor; Outdoor; License plate recognition	
Shutter modes	Automatic Electronic Shutter (AES); 1/25 min; 1/15.000 max; Default shutter	
Wide Dynamic Range (WDR) (dB)	141 dB	
Display stamping	Name; Logo; Date/time; Alarm message	
Measured according to IEC 62676 Part 5 (dB)	108 dB	
Video streaming		
Camera processing latency	<67ms	
Frame rate (fps)	1 fps - 60 fps	
GOP structure	IBBP	
Number of encoder output streams	Multiple configurable streams in H.265; H.264 and M-JPEG; Configurable framerate and bandwidth; Region of Interest (ROI); Bosch Intelligent Streaming	
Resolution	1920 x 1080; 1280 x 1024; 1280 x 720; 768 x 432; 640 x 480; 1536 x 864; 1920 x 1440; 720 x 480; 2688 x 1520; 2560 x 1440	
Video compression	H.264 (ISO/IEC 14496-10); M- JPEG; H.265/HEVC	
Sensor modes	25 fps, HDR X, 2688 x 1520 (4.1 MP) 30 fps, HDR X, 2688 x 1520 (4.1 MP) 50 fps, 2688 x 1520 (4.1 MP) 60 fps, 2688 x 1520 (4.1 MP)	
Video stream signal-to-noise ratio (dB)	>55 dB	

	analysis

video content analysis	
Alarm triggers	Any object; Object in field; Line crossing; Enter / leave field; Loitering; Follow route; Idle / removed object; Counting; Occupancy; Crowd density estimation; Condition change; Similarity search; Flow / counter flow
Calibration	Automatic self-calibrating when height is set
Configurations	Silent VCA; Profile 1; Profile 2; Scheduled; Event triggered
Object filters	Duration; Size; Aspect ratio; Speed; Direction; Color; Object classes (4)
Tracking modes	Standard (2D) tracking; 3D tracking 3D people tracking; Ship tracking; Museum mode
Analysis type	Intelligent Video Analytics; Camera trainer
Additional functionalities	Face detection
Capacity	
Alarm inputs	2
Alarm outputs	1
Host interface	Ethernet
Audio	
Audio streaming	Full duplex; Half duplex
Compression and sampling rate	G.711 8 kHz; L16 16 kHz; AAC-LC 80kbps 16 kHz; AAC-LC 48kbps 16 kHz
Storage	
Internal storage	RAM
Recording mode	Pre-alarm
Memory card slot	SDHC; SD; Dual SDXC, up to 2TB
Dual SD-card slot configurations	Mirror (redundant storage); Failover (extended service interval); Extend (maximum retention time); Automatic Network Replenishment

Industrial SD cards	Extreme lifetime and health monitoring support that provides early service indication
Data security	
Crypto coprocessor (TPM)	RSA 2048 bit; AES/CBC 256 bit
Encryption	TLS 1.2; TLS 1.0; AES 256; AES 128; local storage: XTS-AES
Video authentication	MD5; SHA-1; SHA-256; Checksum
Firmware	
Common Product Platform	CPP7.3
Network	
Cloud services	Remote Portal
Ethernet type	10/100BASE-T; Auto-sensing; Full / half duplex
Ethernet	Shielded RJ45
Surge protection	Ethernet: 1 kV, 2 kA to ground (8/20 µs pulse)
Fiber optics (sold separately)	The Fiber Optic Ethernet Media Converter kit (VG4-SFPSCKT) installed inside a Surveillance Cabinet (NDA-U-PAO, NDA-U-PA1 or NDA-U-PA2) provides the fiber optic interface to the mounted camera
System integration	
Conformity	ONVIF Profile S; ONVIF Profile G; ONVIF Profile T; Auto-MDIX; ONVIF Profile M
Protocols / standards	IPv4; IPv6; UDP; TCP; HTTP; HTTPS; RTP/RTCP; IGMP V2/V3; ICMPv6; RTSP; FTP; ARP; DHCP; APIPA (Auto-IP, link local address); NTP (SNTP); SNMP (V1, MIBII); SNMP (V3, MIBII); 802.1x, EAP/TLS; DNS; DNSv6; DDNS (DynDNS.org, selfHOST.de, no-ip.com); SMTP; iSCSI; UPnP (SSDP); DiffServ (QoS); LLDP; SOAP; CHAP; Digest authentication; IGMP
Mechanical	
Bubble material	Polycarbonate, clear with UV blocking anti-scratch coating

Color	White
Color in RAL	RAL 9003 Signal white
Material	Housing: Aluminum, with dehumidifying membranes and waterproof connection area
Mounting type	Surface-mounted
Tilt range (°)	-3° – 81°
Pan range (°)	0° - 361°
Roll range (°)	-95° – 95°
Weight (kg)	2.30 kg
Weight (lb)	5.07 lb
Dimension (Ø x H) (mm)	148 mm x 175 mm
Dimension (Ø x H) (in)	6.9 in x 5.7 in

Environmental

Operating temperature (°C) -50 °C - 60 °C; Up to +74 °C according to NEMA TS 2-2003 (R2008), para 2.1.5.1 using fig. 2.1 test profile Operating temperature (°F) -58 °F - 140 °F; Up to +165 °F according to NEMA TS 2-2003 (R2008), para 2.1.5.1 using fig. 2.1 test profile Storage temperature (°C) -30 °C - 70 °C Storage temperature (°F) -22 °F - 158 °F Operating relative humidity, non- condensing (%) Operating relative humidity, condensing (%) Storage relative humidity (%) O% - 98% IP rating IP66; IP6K9K Impact protection (EN 50102) Degree of protection (UL 50 NEMA) 4X		
according to NEMA TS 2-2003 (R2008), para 2.1.5.1 using fig. 2.1 test profile Storage temperature (°C) Storage temperature (°F) Operating relative humidity, noncondensing (%) Operating relative humidity, condensing (%) Storage relative humidity (%) Storage relative humidity (%) IP rating IP66; IP6K9K Impact protection (EN 50102) IK10+ (50 joules)	Operating temperature (°C)	according to NEMA TS 2-2003 (R2008), para 2.1.5.1 using fig. 2.1
Storage temperature (°F) Operating relative humidity, noncondensing (%) Operating relative humidity, condensing (%) Storage relative humidity (%) IP rating IP66; IP6K9K Impact protection (EN 50102) IK10+ (50 joules)	Operating temperature (°F)	according to NEMA TS 2-2003 (R2008), para 2.1.5.1 using fig. 2.1
Operating relative humidity, non- condensing (%) Operating relative humidity, condensing (%) Storage relative humidity (%) IP rating IP66; IP6K9K Impact protection (EN 50102) IK10+ (50 joules)	Storage temperature (°C)	-30 °C − 70 °C
condensing (%) Operating relative humidity, condensing (%) Storage relative humidity (%) IP rating IP66; IP6K9K Impact protection (EN 50102) IK10+ (50 joules)	Storage temperature (°F)	-22 °F − 158 °F
condensing (%) Storage relative humidity (%) IP rating IP66; IP6K9K Impact protection (EN 50102) IK10+ (50 joules)	1 0	5% - 93%
IP rating IP66; IP6K9K Impact protection (EN 50102) IK10+ (50 joules)		5% - 100%
Impact protection (EN 50102) IK10+ (50 joules)	Storage relative humidity (%)	0% - 98%
	IP rating	IP66; IP6K9K
Degree of protection (UL 50 NEMA) 4X	Impact protection (EN 50102)	IK10+ (50 joules)
	Degree of protection (UL 50 NEMA)	4X

Camera installation

Camera LED	Auto disable/ Enable/ Disable
Positioning	Mounting height; Coordinates

Field of view adjustment	Motorized pan, tilt, roll; Zoom;
	Autofocus

Ordering information

NDE-8513-RX Fixed dome 4MP HDR X 4.4-10mm PTRZ IP66

Fixed dome.
NDAA compliant

Order number NDE-8513-RX | F.01U.404.129

Accessories

NDA-8000-PC Paintable cover, 4 pcs

Paintable cover (4 pieces) for FLEXIDOME IP 8000i. Order number NDA-8000-PC | F.01U.324.966

NDA-8000-CBL Clear replacement bubble

Clear replacement bubble.

Order number NDA-8000-CBL | F.01U.324.934

NDA-8000-TBL Tinted Bubble

Tinted bubble for FLEXIDOME IP 8000i. Order number **NDA-8000-TBL | F.01U.324.973**

NDA-8001-IC In-ceiling mount kit

In-ceiling mount kit for FLEXIDOME IP 8000i with microphone support

Order number NDA-8001-IC | F.01U.398.407

NDA-8001-PLEN Plenum-rated mount kit

Plenum-rated in-ceiling mount kit for

FLEXIDOME IP 8000i with microphone support Order number NDA-8001-PLEN | F.01U.398.393

NDA-8000-SP In-ceiling mount support kit

Soft ceiling support for in-ceiling mount kit for FLEXIDOME IP 8000i.

Order number NDA-8000-SP | F.01U.324.937

NDA-8000-WP On-camera weather protector

On-camera weather protector for FLEXIDOME IP 8000i. Order number **NDA-8000-WP | F.01U.324.929**

NDA-8000-PIP Pendant interface plate, indoor

Pendant interface plate for FLEXIDOME IP 8000i and FLEXIDOME IP panoramic 6000/7000 outdoor. Order number **NDA-8000-PIP | F.01U.324.938**

NDA-8000-PIPW Pendant interface plate, outdoor

Pendant interface plate including weather protector for FLEXIDOME IP 8000i and FLEXIDOME IP panoramic 6000/7000 outdoor.

Order number NDA-8000-PIPW | F.01U.324.967

NDA-U-WMT Pendant wall mount

Universal wall mount for dome cameras, white Order number NDA-U-WMT | F.01U.324.939

NDA-U-PMT Pendant pipe mount, 12" (31cm)

Universal pipe mount for dome cameras, 31 cm, white Order number NDA-U-PMT | F.01U.324.940

NDA-U-PMTS Pendant pipe mount, 4" (11 cm)

Universal pendant pipe mount for dome cameras, $11\ cm$ (4"), white

Order number NDA-U-PMTS | F.01U.385.046

NDA-U-PMTE Pendant pipe extension, 20" (50cm)

Extension for universal pipe mount, 50 cm, white Order number NDA-U-PMTE | F.01U.324.941

NDA-U-PSMB Pendant wall/ceiling mount SMB

Surface mount box (SMB) for wall mount or pipe mount. Order number NDA-U-PSMB | F.01U.324.942

NDA-U-PA0 Surveillance cabinet 24VAC

Surveillance cabinet, 24 VAC input, 24 VAC output, IP66 Order number NDA-U-PA0 | F.01U.324.947

NDA-U-PA1 Surveillance cabinet 120VAC

Surveillance cabinet, 100 - 120 VAC 50/60 Hz input, 24 VAC output, IP66

Order number NDA-U-PA1 | F.01U.324.948

NDA-U-PA2 Surveillance cabinet 230VAC

Surveillance cabinet, 230 VAC input, 24 VAC output, IP66 Order number NDA-U-PA2 | F.01U.324.949

NDA-U-PMAL Pole mount adapter large

Universal pole mount adapter, white; large Order number NDA-U-PMAL | F.01U.324.944

NDA-U-PMAS Pole mount adapter small

Pole mount adapter small

Universal pole mount adapter, white; small. Order number NDA-U-PMAS | F.01U.324.943

NDA-U-RMT Pendant parapet mount

Universal roof mount for dome cameras, white Order number NDA-U-RMT | F.01U.324.945

NDA-U-WMTG Pendant wall mount, gang box

Universal wall mount, compatible with gang box installation for fixed dome cameras only, white Order number NDA-U-WMTG | F.01U.358.358

NDA-U-PMTG Pendant pipe mount, gang box

Universal pipe mount, compatible with gang box installation for fixed dome cameras only, white Order number NDA-U-PMTG | F.01U.358.359

VG4-SFPSCKT Ethernet to SFP interface kit

Ethernet media converter video transmitter/data receiver fiber optic kit for AUTODOME cameras, for MIC-IP-PSU for MIC analog cameras and for the Surveillance cabinets (NDA-U-PA0, NDA-U-PA1 and NDA-U-PA2).

Order number VG4-SFPSCKT | F.01U.142.529

SFP-2 Fiber module, multimode, 1310nm, 2LC

SFP Fiber Optic Module, 2 km (1.2 miles), 2 LC connectors.

Multi-mode

1310 mm

Order number SFP-2 | F.01U.136.537

SFP-3 Fiber module, single-mode, 1310nm, 2LC

SFP Fiber Optic Module, 20 km (12.4 miles), 2 LC connectors.

Single-mode

1310 nm

Order number SFP-3 | F.01U.136.538

SFP-25 Fiber module, 1310/1550nm, 1SC

SFP Fiber Optic Module, 2 km (1.2 miles), 1 SC connector Multi-mode 1310/1550 nm Order number SFP-25 | F.01U.136.541

SFP-26 Fiber module, 1550/1310nm, 1SC

SFP Fiber Optic Module, 2 km (1.2 miles), 1 SC Multi-mode 1550/1310 nm Order number SFP-26 | F.01U.136.542

Represented by:

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