BOSCH

NDS-5703-F360LE Fixed dome 6MP 360º IP66 IR
FLEXIDOME panoramic 5100i IR

- ▶ 360° panoramic overview in 6MP resolution without blind spots
- ▶ Optimized for all lighting conditions with integrated IR and High Dynamic Range
- ▶ Edge or client-side dewarping for easy integration and flexible viewing and recording
- ▶ Built-in Intelligent Video Analytics and Intelligent Audio Analytics to trigger relevant alerts and quickly retrieve data
- ▶ Compact design protected against vandalism and all weather conditions

The NDS-5703-F360LE is a discreet and aesthetic panoramic camera for indoor and outdoor surveillance.
Its stereographic, panoramic lens provides full 360° coverage without blind spots, ideal for surveillance applications that require wide area coverage in a single, detailed view. The camera offers full situational awareness and simultaneous high-resolution zoomed-in images. The high-end system on chip (SoC) provides dewarping for easy integration and flexible viewing and recording. Built-in Intelligent Video Analytics enriches full situational awareness and triggers relevant alerts. Intelligent Audio Analytics gives meaning to the sounds it captures.
The camera's integrated IR provides the flexibility to control IR intensity in multiple zones to prevent IR saturation. Additionally, with its wide range of inputs and outputs, such as Alarm and HDMI, it can be used for any application.
The camera has an IK10 and IP66 design to protect itself against vandalism and all weather conditions.

The camera offers a 6MP sensor to optimize for the amount of details required. This offers 30 fps to ensure real-time motion in your scenes. Together with its stereographic lens the image circle offers a 4.5MP effective resolution.

Panoramic vision and Intelligent Video Analytics
Combining Bosch Intelligent Video Analytics software with full panoramic vision, produces an extremely powerful surveillance tool, which enriches full situational awareness. With intelligent tracking, movement can be followed continuously throughout the full image circle. There is no need to hand off tracking from one camera to another, greatly simplifying movement analysis.
The system reliably detects, tracks, and analyzes objects, and alerts you when predefined alarms are triggered. A smart set of alarm rules makes complex tasks easy and reduces false alarms to a minimum. Specifically designed for the most demanding environments. It is extremely resistant to false triggers caused by challenging environments with snow, wind (moving trees), rain, hail, and water reflections.
Calibration is quick and easy - just enter the mounting height of the camera. The internal gyro/accelerometer sensor provides the rest of the information to precisely calibrate the video analytics.

Functions

6MP sensor resolution

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.

Intelligent Audio Analytics

The device has an integrated microphone array with three digital microphones for Intelligent Audio Analytics. This is a powerful AI-driven audio signal processing algorithm built to detect and identify target sounds from the ambient sound. It is powered by SoundSee technology and developed to improve operations of the International Space Station (ISS). A set of sound detectors identify sound events such as gunshot and T3 / T4 alarms. The sound detectors trigger an alarm functionality to alert the operator when the sound event matches an audio signature of a sound detector. Without the need to record audio, Intelligent Audio Analytics generates metadata that is seamlessly integrated with Bosch' Intelligent Video Analytics metadata stream.
The device is not only able to classify sounds, but also to provide an approximate location of the sound. If required by local laws, the microphone can be permanently blocked via a secure license key. As Intelligent Audio Analytics is under development, the available Sound Detectors and features will dependent on the camera FW version.

Dewarping

The lens captures a circular image. Our dewarping software transforms this circular image into several different distortion-free rectangular views. To facilitate system integration, you can choose edge dewarping inside the camera or client-side dewarping on an external platform.
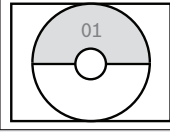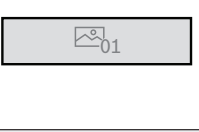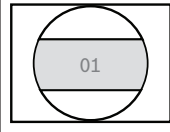The edge dewarping in the camera provides three separate video channels simultaneously:
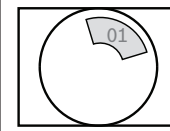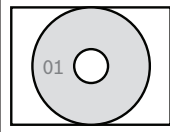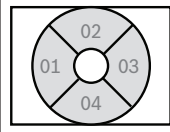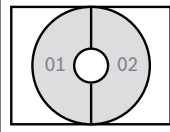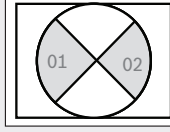
• Full image circle (Video 1 channel)
• Dewarped view mode (Video 2 channel)
• E-PTZ (Video 3 channel)

Different view modes can be selected for the video 2 channel. Your selection depends on the resolution you require and how you wish to view the dewarped image.

View modes

The following view modes can be select in the camera or on the client:

	Full image cut-out and displayed image
Panoramic view (ceiling mount)	
Panoramic view (for 180º wall mount)	
E-PTZ view	
Full panoramic view	
Quad view	
Double panoramic view	
Corridor view (ceiling mount)	

HDMI output

The camera has HDMI output up to 1080p resolution for live streaming to a public view monitor, ideal for retail usage or for local video display. Via its micro HDMI connector, the camera can display the full image circle.
It also offers the flexibility to display both warped and dewarped images, including quad view and ePTZ.

High Dynamic Range

The camera has High Dynamic Range. This is based on a multiple-exposure process that captures more details in the highlights and in the shadows even in the same scene. The result is that you can easily distinguish objects and features, for example, faces with bright backlight.

The actual dynamic range of the camera is measured using Opto-Electronic Conversion Function (OECF) analysis according to IEC 62676 Part 5. This method is used to provide standardized measurements, which can be used to compare different cameras.

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:

When mounted at 3 m (10 ft) height the camera has the following coverage radius for the four DORI levels for a person in the scene:

DORI	DORI definition	Coverage radius
Detect	25 px/m (8 px/ft)	28 m/ 93 ft
Observe	63 px/m (19 px/ft)	11.5 m/ 38 ft
Recognize	125 px/m (38 px/ft)	5.5 m/ 18 ft
Identify	250 px/m (76 px/ft)	2.1 m/ 7 ft

6MP

E-PTZ and regions of interest

The remote E-PTZ (Electronic Pan, Tilt and Zoom) controls allow you to select specific areas of the full image circle. These Regions of Interest (ROI) can be easily defined, allowing the most interesting part of a scene to be monitored separately. The high resolution ensures that details are not lost even when using the electronic zoom.

The E-PTZ feature of a panoramic camera has some advantages over normal PTZ cameras. There is no camera movement so the camera does not draw attention to itself or appear intrusive. Situational awareness is still retained even when zooming in on a particular object of interest. The smooth E- PTZ function helps navigation, and presets are available for setting up a guard tour.

Intelligent tracking is also available to track people through the entire view of the camera.

Record exactly what you want

The camera provides the full resolution circular image for recording even if you are viewing only a portion of the scene. This means that you can always perform retrospective dewarping and analysis on the complete area covered and then zoom in on the region or object of interest.

With edge-dewarping you can also choose to only record the relevant parts of the scene which helps reduce bitrates significantly.

Scene modes

The camera has a very intuitive user interface that allows fast and easy configuration. Multiple preset configurable modes are provided with the best settings for a variety of applications. Different scene modes can be selected for different situations, such as sodium lighting or dark environments.

Edge recording

Insert a memory card into the card slot to store up to 2 TB of local alarm recording. Pre-alarm recording in RAM reduces recording bandwidth on the network, and extends the effective life of the memory card.

It has advanced edge recording providing a reliable storage solution possible due to the combination of these functions:

• Industrial SD card support allows for extreme lifetime
• Health monitoring of industrial SD cards provide early service indications.

Data security

Special measures have been put in place to ensure the highest level of security for device access and data transport. The three-level password protection with security recommendations allows users to customize device access. Web browser access can be protected using HTTPS and firmware updates can also be protected with authenticated secure uploads. The cameras have built-in Secure Element (SE) hardware providing main Trusted Platform Module

(TPM) functionality to ensure the highest levels of data security and privacy protection. Together with Public Key Infrastructure (PKI) support, superior protection from malicious attacks is guaranteed. It also supports 802.1x network authentication with EAP/TLS and RSA encryption key lengths of up to 4096 bits, ensuring data safety beyond 2030. The advanced certificate handling offers:

- Bosch origin device certificate pre-installed
- 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

Modular accessories
A full line of modular accessories is available that allows a consistent design across different cameras and a wide range of installation possibilities. Available options include wall or pipe mount, a surveillance cabinet with power and fiber optic options, and an in-ceiling mounting kit. There is also a conduit adapter available for installations on concrete walls or ceilings.

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.

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.

Cloud-based services
The camera supports time-based or alarm-based JPEG posting to four different accounts. These accounts can address FTP servers or cloud-based storage. Video clips or JPEG images can also be exported to these accounts.
Alarms can be set up to trigger an e-mail or SMS notification so you are always aware of abnormal events.

Bosch Remote Portal
With the secure cloud infrastructure, Bosch Remote Portal, you can manage your connected Bosch devices. From the Bosch Remote Portal you can:

- Complete initial configuration of your connected Bosch devices (online or offline).
- Update firmware for single or multiple devices.
- Manage certificates.
- Monitor the health of your connected Bosch devices.

Two-way audio and built-in microphone
Two-way audio allows the operator to communicate with visitors or intruders via an external audio line input and output. Alternatively, there is an integrated microphone to capture crisp and clear audio. By using the integrated or external microphone, audio detection can be used to generate alarms to alert the security operator quicker and act more proactively. If required by local laws, the microphone can be blocked via a secure license key.

Resists rain, dust, and tampering with reliable operation across a wide temperature range
Suitable for indoor and outdoor usage.
The robust design of the camera is rated to IP66 and IK10 standards, safeguarding the camera against rain and dust while also offering protection against vandalism and tampering.
The camera can operate in a wide ambient temperature range between -40 °C up to +55 °C / -40 °F up to 131 °F.

Regulatory information	
Standards	**Type**
Emission	EN 55032
	EN 50121-4
	CFR 47 FCC part 15, Class A
Environmental	EN IEC 63000: 2018
	EN 50130-5: 2011
	RoHS EU, 2011/65/EU and 2015/863/EU
	WEEE EU, 2012/19/EU
	NEMA TS-2 chapter 2.1
Immunity	EN 50130-4
Marks	CE, FCC, UL, WEEE, RCM, VCCI, CMIM, UKCA, China RoHS, BIS
Safety	EN 62368-1
	EN 60950-22
	UL 60950-22
	UL 62368-1, 3rd edition
	CSA C22.2 No. 62368-1-14, 3rd edition
Image performance	IEC 62676-5
ONVIF conformance	EN 50132-5-2, EN 62676-2

Standards	Type
Impact protection	EN 62262 (IK10)
Ingress protection	EN 60529 (IP66) and UL50E (NEMA Type 4X)
IR lighting	IEC 62471

Region	Regulatory compliance/quality marks	
Europe	CE	
Global	IEC 62443	Industrial Cyber Security Capability
USA	UL CAP	Cybersecurity Assurance Program
Great Britain	UKCA	

Installation/configuration notes
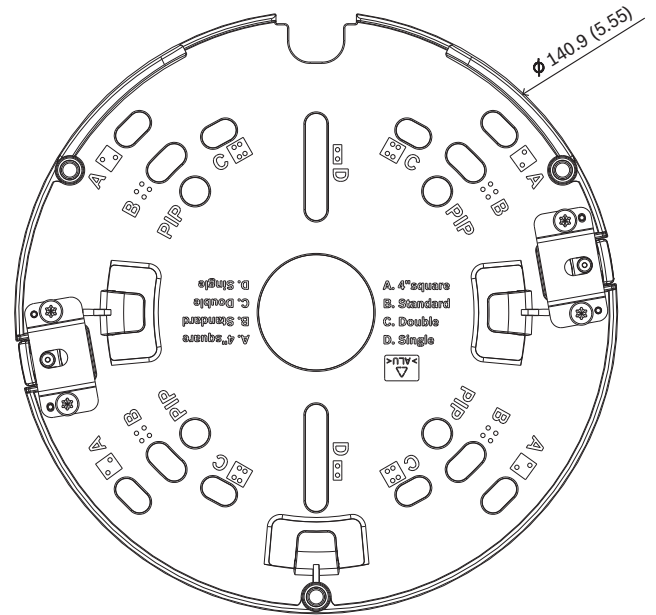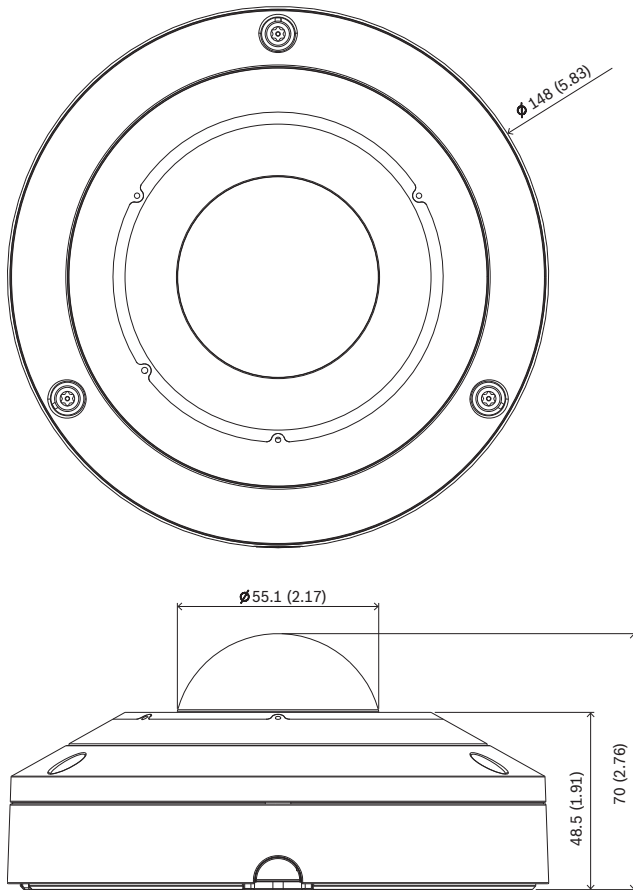
Dimensions in mm (inch)

Parts included

Quantity	Component
1	Mount plate
1	Camera base
1	Camera dome cover
1	TR20 Allen key for camera installation
1	8-pin Audio and I/O connector
1	2-pin power connector
1	RJ-45 punch-through aid
2	M20 rubber grommets (attached to the camera)
1	Quick installation guide
1	Safety information
3	Installer UX labels

Technical specifications

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

Power

Power consumption (typical / maximum)	5.6 / 11.4 W

Sensor

Total sensor pixels	6 MP
Type	1/1.8-inch CMOS
Used pixels	2112 x 2112 (4.5 MP)

Video performance - Sensitivity
Measured according to IEC 62676 Part 5 (1/25, F2.0)

Color	0.099 lx
Mono	0.008 lx
With IR	0 lx

Video performance - Dynamic range

Wide Dynamic Range	120 dB WDR
Measured according to IEC 62676 Part 5	105 dB WDR

Video streaming

Video compression	H.265; H.264; M-JPEG
Streaming	Multiple configurable streams in H.265, H.264 and M-JPEG, configurable frame rate and bandwidth. Multiple channels with edge dewarping. Regions of Interest (ROI)
Overall IP Delay	Min. 120 ms, Max. 340 ms
GOP structure	IP, IBP, IBBP
Frame rate (6 MP)	1-30fps
Encoder regions	Eight independent areas for setting encoder quality to optimize bitrate.

Video resolution (H x V)

Video 1 channel	Full image circle	2112 x 2112 (4.5 MP)
Video 2 channel	Various dewarped modes (Full panoramic, double panoramic, quad, corridor, E-PTZ)	Resolution depends on selected dewarped mode
Video 3 channel	E-PTZ	Up to 1920 x 1080

Video resolution (H x V)

Multiple lower resolutions available and individually selectable per channel and stream

Video functions

Day/Night	Color, Monochrome, Auto (adjustable switchover points)
Adjustable picture settings	Contrast, Saturation level and control, Brightness, Sharpness
White Balance	2500 to 10000K, 3 automatic modes (Basic, Standard, Sodium vapor), Manual mode and Hold mode
Shutter	Automatic Electronic Shutter (AES) Default shutter (1/30 [1/25] to 1/500) selectable Max. shutter speed 1/1.875 to 1/150000
Backlight compensation	Off / On
Noise reduction	Dynamic Noise Reduction
Privacy masking	Eight independent areas, fully programmable
Scene modes	Multiple default modes with scheduler
Pre-positions	Six independent sectors
Guard tours	Pre-position tour consisting of up to six scenes, consecutively
Display stamping	Individual names and stamps for all video channels
Other functions	Pixel counter, Video watermarking, Location

Video content analysis

Analysis type	Intelligent Video Analytics, Camera Trainer
Alarm rules (combinable)	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
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
Object classes	Person, car, bike, truck
Calibration / Geolocation	Automatic, based on gyro sensor and camera height

Video content analysis

Intelligent Audio Analytics	Gunshot detection, T3 / T4 alarm detection (licensed). More detectors will be available with future releases.

Night vision

Distance	20 m (66 ft)
LED	360º LED high efficiency array, 850 nm
IR intensity	5 controllable zones

Optical

Lens	1.155 mm fixed-focus lens F2.0
Lens mount	Board mounted
Iris control	Fixed iris
Day/Night	Switchable IR-cut filter
Field of view	182° (H) x 182° (V)
Minimum object distance	0.1 m

Local storage

Internal RAM	5 s pre-alarm recording
Memory card slot	Micro SDXC / SDHC / SD card
Industrial SD cards	Extreme lifetime and health monitoring support (if supported by the SD card) that provides early service indication.

Input/output

Audio line in	0.707 Vrms max, 10 kOhm typical
Audio line out	0.707 Vrms at 16 Ohm typical
Alarm input	1 input
Alarm input activation	Short or DC 5V activation
Alarm output	1 output
Alarm output voltage	30 VDC, max. load 0.5 A
Video output for HDMI-compatible devices	Micro HDMI connector and 1080p resolution with dewarped viewing possibilities
Microphone	Integrated array with 3 digital MEMS audio sensors
Ethernet	RJ-45

Input/output

Fiber optics (sold separately)	The Fiber Optic Ethernet Media Converter kit (VG4-SFPSCKT) installed inside a Surveillance Cabinet (NDA-U-PA0, NDA-U-PA1 or NDA-U-PA2) provides the fiber optic interface to the mounted camera.

Audio streaming

Standard	G.711, 8 kHz sampling rate L16, 16 kHz sampling rate AAC-LC, 96 kbps at 32/48 kHz sampling rate
Signal-to-Noise Ratio	>50 dB
Audio Streaming	Full-duplex / half duplex

Platform

Common product platform	CPP14.2

Data security

Secure Element ("TPM")	RSA 4096 bit, AES/CBC 256 bit
PKI	X.509 certificates
Encryption	Full end-to-end encryption with supported VMS Network: TLS1.0/1.1/1.2/1.3, AES128, AES256 Local storage: XTS-AES
Video authentication	Checksum, MD5, SHA-1, SHA-256
Firmware protection	Signed firmware, secure boot

Network

Protocols	IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP/RTCP, IGMP V2/V3, ICMP, ICMPv6, RTSP, FTP, ARP, DHCP, APIPA (Auto-IP, link local address), NTP (SNTP), SNMP (V1, V3, MIB-II), 802.1x, DNS, DNSv6, DDNS (DynDNS.org, selfHOST.de, no-ip.com), SMTP, iSCSI, UPnP (SSDP), DiffServ (QoS), LLDP, SOAP, CHAP, digest authentication
Ethernet	10/100/1000 Base-T, auto-sensing, half/full duplex
Connectivity	Auto-MDIX

Network

Network	
Interoperability	ONVIF Profile S ONVIF Profile G ONVIF Profile M ONVIF Profile T

Mechanical

Mechanical	
Dimensions (Ø x H)	148 x 70 mm (5.83 x 2.76 in)
Lens adjustment (rotation)	355º
Weight	0.82 kg (1.81 lbs)
Color	White (RAL9003)
Gyrosensor	Yes
Dome bubble	Polycarbonate, clear with UV blocking anti-scratch coating
Housing	Aluminum with dehumidifying membrane and waterproof connection area
Mounting	Mounting plate included for surface mount, 4-inch square junction box, single and double gang box
Conduit	Compatible with conduit back box for 3/4-inch NPT (M25) conduit side entry (sold separately)

Environmental

Environmental	
Operating temperature	IR on: -40 ºC to +50 ºC (-40 ºF to 122 ºF)
	IR off: -40 ºC to +55 ºC (-40 ºF to 131 ºF)
Storage temperature	-40 ºC to +70 ºC (-40 ºF to 158 ºF)
Operating humidity	5% to 93% RH non-condensing
	5% to 100% RH condensing
Storage humidity	Up to 98% RH
Impact protection	IK10
Ingress protection	IP66 and NEMA Type 4X
Sustainability	PVC free
Country of origin	Thailand

Ordering information

NDS-5703-F360LE Fixed dome 6MP 360º IP66 IR
360º 6MP panoramic camera with HDR, IVA, microphone array for Intelligent Audio Analytics, video output for HDMI-compatible devices, H.265, vandal and weather protection
NDAA compliant
Order number **NDS-5703-F360LE**

Accessories

NDA-5080-PIP Pendant interface plate, 148mm
Pendant interface plate for FLEXIDOME indoor 5100i, FLEXIDOME indoor 5100i IR, and FLEXIDOME panoramic 5100i IR
Order number **NDA-5080-PIP**

NDA-5080-PIPW Pendant interface plate, 148mm
Pendant interface plate with weather cap for FLEXIDOME panoramic 5100i IR
Order number **NDA-5080-PIPW**

NDA-U-WMT Pendant wall mount
Universal wall mount for dome cameras, white
Order number **NDA-U-WMT**

NDA-U-WMP Wall mount plate
Back plate for universal wall mount, corner mount and pole mount, white, IP66
Order number **NDA-U-WMP**

NDA-U-PMT Pendant pipe mount, 12" (31cm)
Universal pipe mount for dome cameras, 31 cm, white
Order number **NDA-U-PMT**

NDA-U-PMTE Pendant pipe extension, 20" (50cm)
Extension for universal pipe mount, 50 cm, white
Order number **NDA-U-PMTE**

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**

NDA-U-PSMB Pendant wall/ceiling mount SMB
Surface mount box (SMB) for wall mount or pipe mount.
Order number **NDA-U-PSMB**

NDA-U-PMAS Pole mount adapter small
Pole mount adapter small
Universal pole mount adapter, white; small.
Order number **NDA-U-PMAS**

NDA-U-PMAL Pole mount adapter large
Universal pole mount adapter, white; large
Order number **NDA-U-PMAL**

NDA-5080-PC Paintable cover, F360E, 4pcs
Paintable cover FLEXIDOME panoramic 5100i IR
Order number **NDA-5080-PC**

NDA-5080-TM Tilt mount 20-deg, 148mm
Tilt mount (20°) for FLEXIDOME IP 4000i / 5000i (IR) and FLEXIDOME panoramic 5100i IR camera families
Order number **NDA-5080-TM**

NDA-U-CBB Conduit back box, 148mm
Outdoor conduit back box, 148mm, IP66 rated
Order number **NDA-U-CBB**

NDA-U-CMT Corner mount adapter
Universal corner mount, white
Order number **NDA-U-CMT**

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**

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**

NPD-3001-WAP Portable installation tool
Bosch camera portable and wireless installation tool
Order number **NPD-3001-WAP**

NPD-5001-POE Midspan, 15W, single port, AC in
Power-over-Ethernet midspan injector for use with PoE
enabled cameras; 15.4 W, 1-port
Weight: 200 g (0.44 lb)
Order number **NPD-5001-POE**

NPD-5004-POE Midspan, 4 port x 15W, AC in
Power-over-Ethernet midspan injector for use with PoE
enabled cameras; 15.4 W, 4-ports
Weight: 620 g (1.4 lb)
Order number **NPD-5004-POE**

VG4-SFPSCKT Ethernet to SFP interface kit
Ethernet media converter video transmitter/data
receiver fiber optic kit for AUTODOME 7000i cameras
and for the Surveillance cabinets (NDA-U-PA0, NDA-U-
PA1 and NDA-U-PA2).
Order number **VG4-SFPSCKT**

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**

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**

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**

SFP-26 Fiber module, 1550/1310nm, 1SC
SFP Fiber Optic Module, 2 km (1.2 miles), 1 SC
connector
Multi-mode
1550/1310 nm
Order number **SFP-26**

MSD-064G IP SECURITY MICROSD CARD 64GB
64 GB industrial microSD card with health status
monitoring
Order number **MSD-064G**

MSD-128G IP SECURITY MICROSD CARD 128GB
128 GB industrial microSD card with health status
monitoring
Order number **MSD-128G**

MSD-256G IP SECURITY MICROSD CARD 256GB
256 GB industrial microSD card with health status
monitoring
Order number **MSD-256G**

Software Options

MVC-IAA-TRIAL Trial License, 60-day
Trial License, 60-day
Order number **MVC-IAA-TRIAL**

MVC-IAA-GUN1Y Gunshot Detector License, 1-year
Gunshot Detector License, 1-year
Order number **MVC-IAA-GUN1Y**

MVC-IAA-GUN3Y Gunshot Detector License, 3-year
Gunshot Detector License, 3-year
Order number **MVC-IAA-GUN3Y**

MVC-IAA-GUN5Y Gunshot Detector License, 5-year
Gunshot Detector License, 5-year
Order number **MVC-IAA-GUN5Y**

MVC-IAA-GUN Gunshot Detector License, perpetual
Gunshot Detector License, perpetual
Order number **MVC-IAA-GUN**