BOSCH

NDS-5704-F360LE Fixed dome 12MP 360º IP66 IR
FLEXIDOME panoramic 5100i IR

360° · HDR · IR · 12 MP

▶ 360° panoramic overview in 12MP 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 IVA Pro Buildings, IVA Pro Perimeter and Intelligent Audio Analytics to trigger relevant alerts and quickly retrieve data

▶ Compact design protected against vandalism and all weather conditions

The NDS-5704-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 Pro (IVA Pro) 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 video output for HDMI-compatible devices, it can be used for any application.

The camera has an IK10 and IP66 design to protect itself against vandalism and all weather conditions.

Functions

12MP sensor resolution

The camera offers a 12MP sensor to optimize the details required. This offers 30 fps to ensure real-time motion in your scenes. Together with its stereographic lens the image circle offers a 9MP effective resolution.

Panoramic vision and Intelligent Video Analytics Pro (IVA Pro)

Combining Bosch Intelligent Video Analytics Pro (IVA Pro) 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 -IVA Pro Perimeter in 3D tracking mode only requires entering the mounting height of the camera .The internal gyro/accelerometer sensor provides the rest of the

information to precisely calibrate the video analytics. For IVA Pro Buildings effort is minimized, eliminating the need for calibration.

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 (perpetual license) and T3 / T4 alarms (pre-installed). 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.

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.

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.
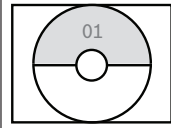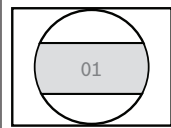The edge dewarping in the camera provides three separate video channels simultaneously:
• Full image circle (Video 1 channel)
• Dewarped view mode (Video 2 channel)
• E-PTZ (Video 3 channel)
Different view modes can be selected for the video 2 channel. Your selection depends on the resolution you require and how you wish to view the dewarped image.
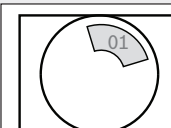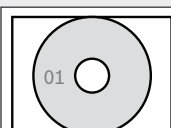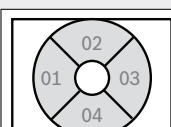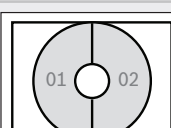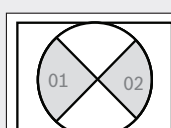
View modes

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:

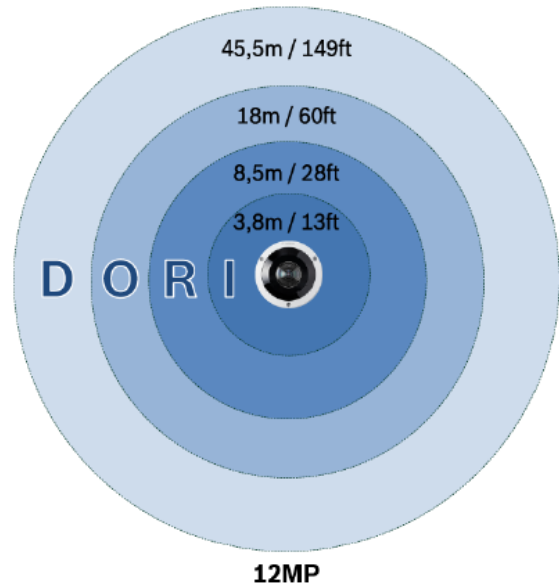When mounted at 3 m (10 ft) height the camera has the following coverage radius for the four DORI levels for a person in the scene:

DORI	DORI definition	Coverage radius
Detect	25 px/m (8 px/ft)	45.5 m/ 149 ft
Observe	63 px/m (19 px/ft)	18 m/ 60 ft
Recognize	125 px/m (38 px/ft)	8.5 m/ 28 ft
Identify	250 px/m (76 px/ft)	3.8 m/ 13 ft

45,5m / 149ft
18m / 60ft
8,5m / 28ft
3,8m / 13ft
D O R I
12MP

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.

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.

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.
Health monitoring will be available with a future firmware version.

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.

Intelligent streaming
Smart encoding capabilities, utilizing video analytics, reduce bandwidth consumption to extremely low levels. Only relevant information in the scene, such as motion or objects found through analytics, needs to be encoded. The camera is capable of quad streaming, allowing it to deliver independent and 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.

Cloud-based services
Using the Bosch Security Cloud, you can configure, troubleshoot, and update supported devices using the browser-based interface or standard tools. With one click on Remote Portal, you can activate additional value-added services, such as Alarm Management in Cloud VMS, or VideoView+. VideoView+ provides an easy-to-use and cost-effective solution to remotely connect to your device from anywhere, at any time. Leverage the power of the Bosch cloud to monitor your premises and get notified about any incident. VideoView+ also enables live streaming, locally and from remote, of up to 8 concurrent devices via Video Security Client, or of up to 4 concurrent devices on the Android and iOS app clients. This includes replay and export functionality, as well as forensic search to define and perform search criteria for recorded events.

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

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.

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, E11
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
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
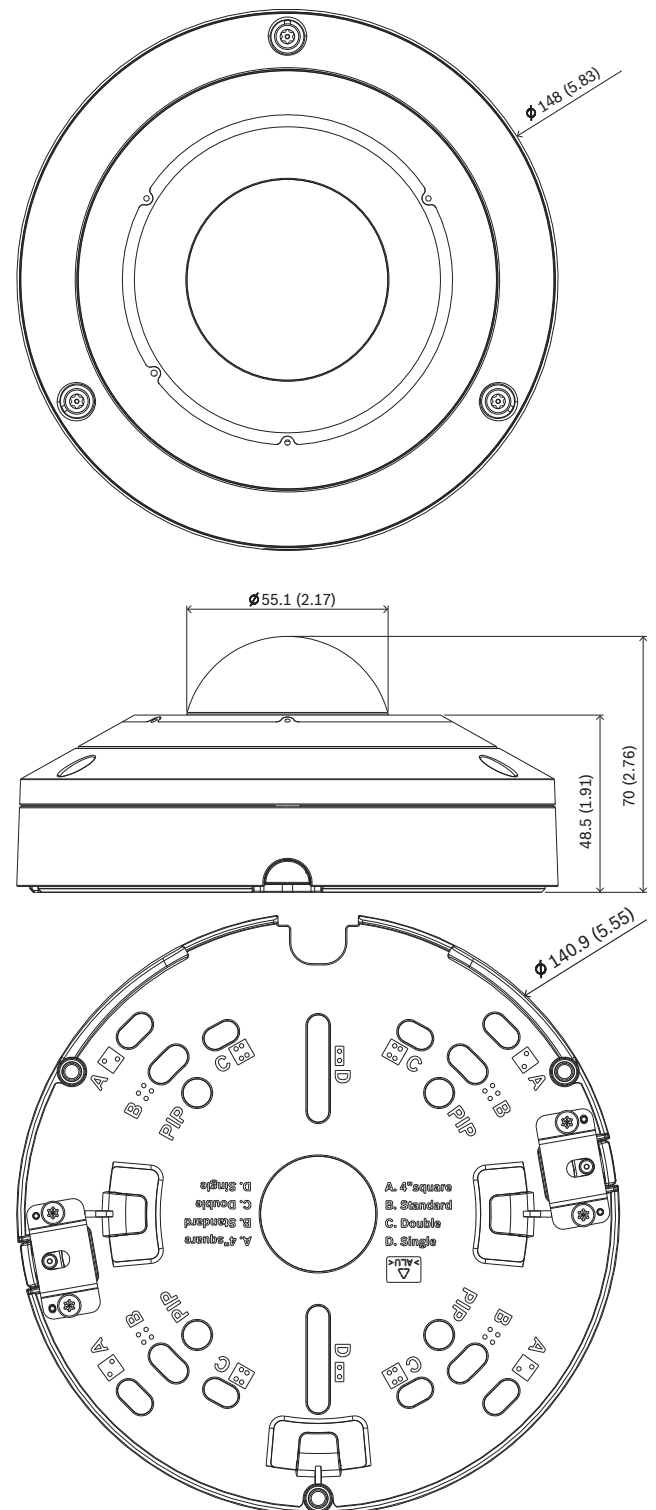
Dimensions in mm (inch)

Parts included

Quantity	Component
1	Mount plate

Quantity	Component
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

Electrical

PoE input	PoE; PoE IEEE 802.3af / 802.3at Type 1, Class 3; PoE IEEE 802.3af PoE and auxiliary power can be connected simultaneously for redundant operation
Input voltage (VAC)	24 VAC ±10%
Input voltage (VDC)	12 VDC ±10%
Power consumption PoE (W) (typical – maximum)	5.6 W – 11.4 W

Sensor

Total sensor pixels	12 MP approx.
Sensor type	1/2.3 inch CMOS
Effective pixels (H x V)	3,008 x 3,008 (9 MP)

Sensitivity

Color (lx) (sensitivity measured according to IEC 62676 Part 5)	0.15 lx
Monochrome (lx) (sensitivity measured according to IEC 62676 Part 5)	0.0480 lx
Minimum illumination with IR (lx) (sensitivity measured according to IEC 62676 Part 5)	0.0 lx
High Dynamic Range (HDR) (dB)	120 dB

Measured according to IEC 62676 Part 5 (dB)	106 dB

Optical

Lens	1.26 mm fixed-focus lens
Lens mounting	Board
Lens aperture (/F)	2.0 /F
Iris control	Fixed iris
Day / Night	Switchable IR-cut filter
Field of View fixed lens (°)	182° x 182°
Minimum object distance	0.1 m

Night vision

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

Video streaming

Video compression	H.264 (ISO/IEC 14496-10); M-JPEG; H.265/HEVC
Streaming	Multiple configurable streams in H.265; H.264 and M-JPEG; Configurable framerate and bandwidth; Region of Interest (ROI); Multiple channels with edge dewarping
Overall IP delay	Min. 120 ms, Max. 340 ms
GOP structure	IP; IBP; IBBP
Frame rate (fps)	1 fps – 30 fps
Encoder regions	Eight independent areas for setting encoder quality to optimize bitrate

Video resolution (H x V)		
Video 1 channel	Full image circle	3008 x 3008 (9 MP)
Video 2 channel	Various dewarped modes (Full panoramic, double panoramic, quad, corridor, E-PTZ)	Resolution depends on selected dewarped mode

Video resolution (H x V)

Video 3 channel	E-PTZ	Up to 1280 x 720

Multiple lower resolutions available and individually selectable per channel and stream

Video functions

Shutter modes	Automatic Electronic Shutter (AES); 1/25 min; Default shutter; 1/30 min (1/30 [1/25] to 1/500) selectable Max. shutter speed 1/1.875 to 1/150000
Day/night modes	Auto (adjustable switch points); Color; Monochrome
Backlight compensation	On/Off
Camera functionality	Geolocation; Region of interest; Backlight compensation (BLC); Intelligent auto exposure; Intelligent dynamic noise reduction; Contrast enhancement; Sharpness enhancement; Intelligent defog; Pixel counter; Saturation; Brightness
White balance (K)	2,500 K – 10,000 K
White balance modes	3 automatic modes (Basic, Standard, Sodium vapor); Manual mode; Hold mode
Number of privacy masks	8 independent areas, fully programmable
Number of pre-positions	6 independent sectors
Scene modes	Multiple default modes with scheduler
Display stamping	Individual names and stamps for all video channels

Video content analysis

Analysis type	Camera trainer; Intelligent Video Analytics Pro: IVA Pro Buildings; Intelligent Video Analytics Pro: IVA Pro Perimeter
Alarm triggers	Any object; Object in field; Line crossing; Enter / leave field; Loitering; Follow route; Idle / removed object; Counting; Occupancy; Condition change; Similarity search
Object classes	IVA Pro Buildings: Person, Vehicle

	IVA Pro Perimeter: Bicycle, Motorcycle, Truck, Bus
Object filters	Duration; Size; Aspect ratio; Speed; Direction; Color ¸Object classes
Tracking modes	IVA Pro Buildings: Base tracking (2D) IVA Pro Perimeter: Perimeter tracking (2D); Perimeter tracking (3D); People tracking (3D); Museum mode (2D); Ship tracking (2D)
Calibration	IVA Pro Buildings: No calibration IVA Pro Perimeter: Automatic based on gyro sensor, focal length, and camera height (for 3D tracking)
Supported analytics	IVA Pro Privacy (Free)
Audio AI	T3 / T4 alarm detection (pre-installed) Gunshot detection (licensed)

Storage

Internal storage	5-s-pre-alarm-recording
Memory card slot	Micro SDXC; SDHC; SD
Industrial SD cards	Extreme lifetime and health monitoring support that provides early service indication (if supported by the DS card) Health monitoring will be available with a future firmware version.

Inputs and outputs

Ethernet	Shielded RJ45
Microphone	Integrated array with 3 digital MEMS audio sensors
Audio line in	0.707 Vrms max, 10 kOhm typical
Audio line out	0.707 Vrms at 16 Ohm typical
Alarm inputs	1
Alarm input activation	Short or DC 5V activation
Alarm outputs	1
Alarm output voltage	30 VDC, max. load 0.5 A

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-UPA2) provides the fiber optic interface to the mounted camera.

Audio

Compression and sampling rate	G.711 8 kHz; L16 16 kHz; AAC-LC, 96 kbps at 32/48 kHz
Audio input	Built-in microphone; Line-in; Mic-level input
Audio output	Line-out
Minimum signal-to-noise ratio (dB)	>50 dB
Audio streaming	Full duplex; Half duplex

Network

Protocols / standards	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); 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; SNMP
Ethernet type	10/100/1000BASE-T; Auto-sensing; Full / half duplex
Conformity	ONVIF Profile S; ONVIF Profile G; ONVIF Profile T; ONVIF Profile M
Connectivity	Auto MDIX

Platform

Common Product Platform	CPP14
Memory (RAM) (MB)	2,048 MB; 8,192 MB flash

Data security

Crypto coprocessor (TPM)	RSA 4096 bit; AES/CBC 256 bit
PKI	X.509 certificates; SCEP protocol
End-to-end encryption	Full end-to-end with supported VMS
Encryption	TLS 1.2; TLS 1.3; AES 128; AES 256

Local storage encryption	XTS-AES
Video authentication	MD5; SHA-1; SHA-256; SHA-512; Checksum
Firmware protection	Signed firmware, secure boot

Mechanical

Material	Housing: Aluminum with dehumidifying membrane and waterproof connection area
Bubble material	Clear polycarbonate
Bubble coating	Anti-reflective; Anti-scratch
Lens adjustment (rotation)	355º
Dimensions (Ø x H) (mm)	148 mm x 70 mm
Dimensions (Ø x H) (in)	5.83 in x 2.76 in
Gyroscope	Yes
Weight (kg)	0.82 kg
Weight (lb)	1.81 lb
Color (RAL)	RAL 9003 Signal white
Mounting type	Surface-mounted; 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

Operating temperature (℃)	IR on: -40℃ to + 50℃ IR off: -40℃ to + 55℃
Operating temperature (℉)	IR on: -40℉ to + 122℉ IR off: -40℉ to + 131℉
Storage temperature (℃)	-40 ℃ – 70 ℃
Storage temperature (℉)	-40 ℉ – 158 ℉
Operating relative humidity, non-condensing (%)	5% – 93%
Operating relative humidity, condensing (%)	5% – 100%
Storage relative humidity (%)	0% – 98%

Impact protection	IK10
IP rating	IP66
Degree of protection	NEMA type 4X
Sustainability	PVC free
Country of origin	Thailand

Ordering information

NDS-5704-F360LE Fixed dome 12MP 360º IP66 IR
360º 12MP panoramic camera with HDR, IVA Pro Buildings, IVA Pro Perimeter, microphone array for Intelligent Audio Analytics, video output for HDMI-compatible devices, H.265, vandal and weather protection
NDAA compliant
Order number **NDS-5704-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 panoramic 5100i outdoor and FLEXIDOME IP 3000i IR outdoor cameras
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-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
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