The FLEXIDOME panoramic 5100i is a discreet and aesthetic panoramic camera for indoor 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. With its HDMI output function, it can be directly connected to a Public View Monitor, making it a perfect fit for a retail environment.

**Functions**

**Up to 12MP sensor resolution**
The camera offers a choice between a 6MP or 12MP sensor to optimize for the amount of details required. Both options offer 30 fps to ensure real-time motion in your scenes.

Taking into account the image circle projection, the cameras offer a 4.5MP and 9MP effective resolution. Combined with the stereographic lens in these cameras it also provides improved resolution in the peripheral areas of the image.

**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. Moving objects can be classified in four different object classes: person, car, bike, truck.

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.

**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:

<table>
<thead>
<tr>
<th>View modes</th>
<th>Full image cut-out and displayed image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panoramic view (ceiling mount)</td>
<td>![Panoramic view (for 180º wall mount)]</td>
</tr>
<tr>
<td>E-PTZ view</td>
<td><img src="image" alt="E-PTZ view" /></td>
</tr>
<tr>
<td>Full panoramic view</td>
<td><img src="image" alt="Full panoramic view" /></td>
</tr>
<tr>
<td>Quad view</td>
<td><img src="image" alt="Quad view" /></td>
</tr>
<tr>
<td>Double panoramic view</td>
<td><img src="image" alt="Double panoramic view" /></td>
</tr>
<tr>
<td>Corridor view (ceiling mount)</td>
<td><img src="image" alt="Corridor view" /></td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>DORI</th>
<th>DORI definition</th>
<th>Coverage radius</th>
</tr>
</thead>
</table>
| Detect | 25 px/m (8 px/ft) | 12MP: 45.5 m / 149 ft  
6MP: 28 m / 93 ft |
| Observe | 63 px/m (19 px/ft) | 12MP: 18 m / 60 ft  
6MP: 11.5 m / 38 ft |
| Recognize | 125 px/m (38 px/ft) | 12MP: 8.5 m / 28 ft  
6MP: 5.5 m / 18 ft |
| Identify | 250 px/m (76 px/ft) | 12MP: 3.8 m / 13 ft  
6MP: 2.1 m / 7 ft |

**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. With onboard dewarping enabled, 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.

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.

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.

Regulatory information

<table>
<thead>
<tr>
<th>Standards</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emission</td>
<td>EN 55032</td>
</tr>
<tr>
<td></td>
<td>EN 50121-4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standards</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental</td>
<td>EN IEC 63000: 2018</td>
</tr>
<tr>
<td></td>
<td>EN 50130-5: 2011</td>
</tr>
<tr>
<td></td>
<td>RoHS EU, 2011/65/EU and 2015/863/EU</td>
</tr>
<tr>
<td></td>
<td>WEEE EU, 2012/19/EU</td>
</tr>
</tbody>
</table>

| Immunity | EN 50130-4 |

| Marks | CE, FCC, UL, WEEE, RCM, VCCI, CMIM, UKCA, China RoHS, BIS |

| Safety | EN 62368-1         |
|        | UL 62368-1, 2nd edition |
|        | CAN/CSA-C22.2 No. 62368-1-14, 2nd edition |

| Image performance | IEC 62676-5 |

| ONVIF conformance | EN 50132-5-2, EN 62676-2 |

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great Britain</td>
<td>UKCA</td>
</tr>
<tr>
<td>USA</td>
<td>UL-CAP, Cybersecurity Assurance Program</td>
</tr>
<tr>
<td>Global</td>
<td>IEC_62443, Industrial Cyber Security Capability</td>
</tr>
<tr>
<td>Europe</td>
<td>CE</td>
</tr>
</tbody>
</table>

Standards Type

- CFR 47 FCC part 15, Class A
- EN 55032
- EN 50130-5
- RoHS EU, 2011/65/EU and 2015/863/EU
- WEEE EU, 2012/19/EU
- EN 50130-4
- CE, FCC, UL, WEEE, RCM, VCCI, CMIM, UKCA, China RoHS, BIS
- EN 62368-1
- UL 62368-1, 2nd edition
- CAN/CSA-C22.2 No. 62368-1-14, 2nd edition
- IEC 62676-5
- EN 50132-5-2, EN 62676-2
- UKCA
- UL-CAP
- Cybersecurity Assurance Program
- IEC_62443
- Industrial Cyber Security Capability
- CE
### Technical specifications

**Power**
- **Input voltage**: PoE IEEE 802.3af Type 1, Class 2
- **Power consumption** (typical / maximum): PoE: 5.6 / 6 W

**Sensor**
- **Total sensor pixels**: 6 MP
- **Type (6 MP)**: 1/1.8-inch CMOS
- **Used pixels (6 MP)**: 2112 x 2112 (4.5 MP)
- **Total sensor pixels**: 12 MP
- **Type (12 MP)**: 1/2.3 inch CMOS
- **Used pixels (12 MP)**: 3008 x 3008 (9 MP)

**Video performance - Sensitivity**
- **Measured according to IEC 62676 Part 5 (1/25, F2.0)**
  - **Color (6 MP)**: 0.099 lx
  - **Mono (6 MP)**: 0.008 lx
  - **Color (12 MP)**: 0.150 lx

**Video performance - Dynamic range**
- **Wide Dynamic Range (6 MP)**: 120 dB WDR
- **Measured according to IEC 62676 Part 5 (6 MP)**: 105 dB WDR
- **Wide Dynamic Range (12 MP)**: 120 dB WDR
- **Measured according to IEC 62676 Part 5 (12 MP)**: 106 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
- **Frame rate (12 MP)**: 1-30fps
  - 1-25fps in HDR mode
- **Encoder regions**: Eight independent areas for setting encoder quality to optimize bitrate.

**Video resolution (H x V)**
- **Video 1 channel**: Full image circle
  - 6 MP: 2112 x 2112 (4.5 MP)
  - 12 MP: 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 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

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

### Video content analysis

<table>
<thead>
<tr>
<th>Function</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis type</td>
<td>Intelligent Video Analytics, Camera Trainer</td>
</tr>
<tr>
<td>Alarm rules (combinable)</td>
<td>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</td>
</tr>
<tr>
<td>Object filters</td>
<td>Duration, Size, Aspect ratio, Speed, Direction, Color, Object classes (4)</td>
</tr>
<tr>
<td>Tracking modes</td>
<td>Standard (2D) tracking, 3D tracking, 3D people tracking, Ship tracking, Museum mode</td>
</tr>
<tr>
<td>Object classes</td>
<td>Person, car, bike, truck</td>
</tr>
<tr>
<td>Calibration / Geolocation</td>
<td>Automatic, based on gyro sensor and camera height</td>
</tr>
</tbody>
</table>

### Optical

<table>
<thead>
<tr>
<th>Function</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens</td>
<td>1.155 mm fixed-focus lens F2.0 (6 MP)</td>
</tr>
<tr>
<td></td>
<td>1.26 mm fixed-focus lens F2.0 (12 MP)</td>
</tr>
<tr>
<td>Lens mount</td>
<td>Board mounted</td>
</tr>
<tr>
<td>Iris control</td>
<td>Fixed iris</td>
</tr>
<tr>
<td>Day/Night</td>
<td>Switchable IR-cut filter</td>
</tr>
<tr>
<td>Field of view</td>
<td>182° (H) x 182° (V)</td>
</tr>
<tr>
<td>Minimum object distance</td>
<td>0.1 m</td>
</tr>
</tbody>
</table>

### Local storage

<table>
<thead>
<tr>
<th>Function</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal RAM</td>
<td>5 s pre-alarm recording</td>
</tr>
<tr>
<td>Memory card slot</td>
<td>Micro SDXC / SDHC / SD card</td>
</tr>
<tr>
<td>Industrial SD cards</td>
<td>Extreme lifetime and health monitoring support (if supported by the SD card) that provides early service indication.</td>
</tr>
</tbody>
</table>

### Input/output

<table>
<thead>
<tr>
<th>Function</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI output</td>
<td>Micro HDMI connector and up to 1080p resolution with dewarped viewing possibilities</td>
</tr>
<tr>
<td>Microphone</td>
<td>Integrated array with 3 digital MEMS audio sensors</td>
</tr>
<tr>
<td>Ethernet</td>
<td>RJ-45</td>
</tr>
</tbody>
</table>

### Audio streaming

<table>
<thead>
<tr>
<th>Function</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>G.711, 8 kHz sampling rate</td>
</tr>
<tr>
<td></td>
<td>L16, 16 kHz sampling rate</td>
</tr>
<tr>
<td></td>
<td>AAC-LC, 96 kbps at 32/48 kHz sampling rate</td>
</tr>
<tr>
<td>Signal-to-Noise Ratio</td>
<td>&gt;50 dB</td>
</tr>
</tbody>
</table>
### Audio streaming

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio Streaming</td>
<td>Full-duplex / half duplex</td>
</tr>
</tbody>
</table>

### Platform

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common product platform</td>
<td>CPP14.2</td>
</tr>
</tbody>
</table>

### Data security

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secure Element (&quot;TPM&quot;)</td>
<td>RSA 4096 bit, AES/CBC 256 bit</td>
</tr>
<tr>
<td>PKI</td>
<td>X.509 certificates</td>
</tr>
<tr>
<td>Encryption</td>
<td>Full end-to-end encryption with supported VMS Network: TLS1.0/1.1/1.2/1.3, AES128, AES256 Local storage: XTS-AES</td>
</tr>
<tr>
<td>Video authentication</td>
<td>Checksum, MD5, SHA-1, SHA-256</td>
</tr>
<tr>
<td>Firmware protection</td>
<td>Signed firmware, secure boot</td>
</tr>
</tbody>
</table>

### Network

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protocols</td>
<td>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), Diff-Serv (QoS), LLDP, SOAP, CHAP, digest authentication</td>
</tr>
<tr>
<td>Ethernet</td>
<td>10/100/1000 Base-T, auto-sensing, half/full duplex</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Auto-MDIX</td>
</tr>
<tr>
<td>Interoperability</td>
<td>ONVIF Profile S ONVIF Profile G ONVIF Profile M ONVIF Profile T</td>
</tr>
</tbody>
</table>

### Mechanical

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (∅ x H)</td>
<td>110 x 47.7 mm (4.33 x 1.88 in)</td>
</tr>
<tr>
<td>Lens adjustment (rotation)</td>
<td>355º</td>
</tr>
<tr>
<td>Weight</td>
<td>0.31 kg (0.68 lbs)</td>
</tr>
<tr>
<td>Color</td>
<td>White (RAL9003)</td>
</tr>
<tr>
<td>Gyrosensor</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Environmental

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>-10 ºC to +45 ºC (14 ºF to 113 ºF)</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-40 ºC to +70 ºC (-40 ºF to 158 ºF)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>5% to 93% RH non-condensing</td>
</tr>
<tr>
<td>Storage humidity</td>
<td>Up to 98% RH</td>
</tr>
<tr>
<td>Impact protection</td>
<td>IK08 (except lens)</td>
</tr>
<tr>
<td>Sustainability</td>
<td>PVC free</td>
</tr>
<tr>
<td>Country of origin</td>
<td>NDS-5703-F360/NDS-5704-F360: Thailand NDS-5703-F360-GOV/NDS-5704-F360-GOV: Taiwan</td>
</tr>
</tbody>
</table>

### Ordering information

#### NDS-5703-F360 Fixed dome 6MP 360º
360º 6MP panoramic camera with HDR, IVA, microphone array for Intelligent Audio Analytics, H.265 NDAA compliant
Order number NDS-5703-F360 | F.01U.385.628

#### NDS-5704-F360 Fixed dome 12MP 360º
360º 12MP panoramic camera with HDR, IVA, microphone array for Intelligent Audio Analytics, H.265 NDAA compliant
Order number NDS-5704-F360 | F.01U.385.629

#### NDS-5703-F360-GOV Fixed dome 6MP 360º Gov
360º 6MP panoramic camera with HDR, IVA, microphone array for Intelligent Audio Analytics, H.265 NDAA and TAA compliant Available in North America only
Order number NDS-5703-F360-GOV | F.01U.405.542

#### NDS-5704-F360-GOV Fixed dome 12MP 360º Gov
360º 12MP panoramic camera with HDR, IVA, microphone array for Intelligent Audio Analytics, H.265 NDAA and TAA compliant Available in North America only
Order number NDS-5704-F360-GOV | F.01U.405.543

### Accessories

#### NDA-5081-PIP Pendant interface plate, 110mm
Pendant interface plate for the FLEXIDOME IP micro 3000i and the FLEXIDOME panoramic 5100i families
Order number NDA-5081-PIP | F.01U.391.131

#### NDA-U-WMT Pendant wall mount
Universal wall mount for dome cameras, white
Order number NDA-U-WMT | F.01U.324.939
NDA-U-WMP  Wall mount plate
Back plate for universal wall mount, corner mount and pole mount, white, IP66
Order number NDA-U-WMP | F.01U.324.950

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

NDA-5081-PC  Paintable cover, F360, 4pcs
Paintable cover for FLEXIDOME panoramic 5100i
Order number NDA-5081-PC | F.01U.394.005

NDA-5081-TM  Tilt mount 20°, 110mm
Tilt mount (20°) for FLEXIDOME panoramic 5100i indoor
Order number NDA-5081-TM | F.01U.391.130

NDA-5081-PLEN  In-ceiling plenum rated kit, 110mm
Plenum-rated in-ceiling mount kit for FLEXIDOME panoramic 5100i and FLEXIDOME IP micro 3000i
Order number NDA-5081-PLEN | F.01U.394.002

NDA-U-CMT  Corner mount adapter
Universal corner mount, white
Order number NDA-U-CMT | F.01U.324.946

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

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-3081-4S  4S adapter plate, 171mm
4S adapter plate for NDV-3000 micro dome camera
Order number NDA-3081-4S | F.01U.379.490
F.01U.396.507

NPD-3001-WAP  Portable installation tool
Bosch camera portable and wireless installation tool
Order number NPD-3001-WAP | F.01U.353.329

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 | F.01U.305.288

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 | F.01U.305.289

MSD-064G  IP SECURITY MICROSD CARD 64GB
64 GB industrial microSD card with health status monitoring
Order number MSD-064G | F.01U.394.680

MSD-128G  IP SECURITY MICROSD CARD 128GB
128 GB industrial microSD card with health status monitoring
Order number MSD-128G | F.01U.394.681

MSD-256G  IP SECURITY MICROSD CARD 256GB
256 GB industrial microSD card with health status monitoring
Order number MSD-256G | F.01U.394.682

Software Options
MVC-IAA-TRIAL  Trial License, 60-day
Trial License, 60-day
Order number MVC-IAA-TRIAL | F.01U.412.669

MVC-IAA-GUN1Y  Gunshot Detector License, 1-year
Gunshot Detector License, 1-year
Order number MVC-IAA-GUN1Y | F.01U.412.670

MVC-IAA-GUN3Y  Gunshot Detector License, 3-year
Gunshot Detector License, 3-year
Order number MVC-IAA-GUN3Y | F.01U.412.671

MVC-IAA-GUN5Y  Gunshot Detector License, 5-year
Gunshot Detector License, 5-year
Order number MVC-IAA-GUN5Y | F.01U.412.672

MVC-IAA-GUN  Gunshot Detector License, perpetual
Gunshot Detector License, perpetual
Order number MVC-IAA-GUN | F.01U.412.673

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