FLEXIDOME multi 7000i IR

The FLEXIDOME multi 7000i IR camera is built for high-quality performance, featuring four independent imagers with motorized zoom/focus lenses. It helps to simplify installation and lower costs while maintaining flexibility in coverage. With four scenes simultaneously in a single camera, it is perfect for wide area coverage, traffic intersections and building corners. With its integrated 360° IR lighting, the camera can capture crisp images in extremely low light conditions, such as at night-time or dusk. When the lenses are tilted at the right angle, the camera can even cover an area up to full 360°. Additionally, the zoom capability allows the camera to obtain detailed coverage for more distant areas.

Functions

Up to 20-megapixel multi-directional overviews
Four independent imagers with separate remote zoom and focus lenses capture very high-quality images with a total resolution of up to 20 megapixels:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDM-7702-AL</td>
<td>Four independent 3 MP imagers</td>
</tr>
<tr>
<td>NDM-7703-AL</td>
<td>Four independent 5 MP imagers</td>
</tr>
</tbody>
</table>

Each of the four imagers can be set-up flexibly with 3-axis movement along a circular track. This enables surround coverage, capturing detailed images from every angle for comprehensive video coverage with four separate views from a single IP address.

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.

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 has become the new compression standard of choice for IP video surveillance systems.

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.

- Four 3 MP or 5 MP imagers at 30 fps in one camera on a single IP address
- Easy and flexible installation with four motorized zoom/focus lenses
- High Dynamic Range (HDR) to see every detail in both bright and dark areas of the scene
- Built-in Intelligent Video Analytics to trigger relevant alerts and quickly retrieve data
- Integrated surround IR illumination up to 30 m distance for pitch dark scenes
**Intelligent Video Analytics**

The camera uses the latest generation of Bosch Intelligent Video Analytics (IVA). 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. By using the zoom function of the lens, the camera can provide automatic person detection over distances up to 130 m / 430 ft. 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. Intelligent Video Analytics also adds sense and structure to your video by adding metadata. Calibration is quick and easy - just enter the height of the camera. The internal gyro/accelerometer sensors provide the rest of the information to precisely calibrate the video analytics for each imager. The next step in video analytics is taken with the incorporation of machine learning capabilities. With Camera Trainer you can tailor the built-in Intelligent Video Analytics to detect new user-defined moving or stationary objects and situations, or any subsequent changes.

**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:

### 12 MP camera with 3.7 - 7.7 mm lens*

<table>
<thead>
<tr>
<th>DORI</th>
<th>DORI definition</th>
<th>Distance 3.7 mm/7.7 mm</th>
<th>Horizontal width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detect</td>
<td>25 px/m (8 px/ft)</td>
<td>45 m/117 m (148 ft/384 ft)</td>
<td>82 m (265 ft)</td>
</tr>
<tr>
<td>Observe</td>
<td>63 px/m (19 px/ft)</td>
<td>18 m/46 m (59 ft/151 ft)</td>
<td>33 m (108 ft)</td>
</tr>
<tr>
<td>Recognize</td>
<td>125 px/m (38 px/ft)</td>
<td>9 m/23 m (31 ft/75 ft)</td>
<td>16 m (54 ft)</td>
</tr>
<tr>
<td>Identify</td>
<td>250 px/m (76 px/ft)</td>
<td>4 m/12 m (13 ft/39 ft)</td>
<td>8 m (27 ft)</td>
</tr>
</tbody>
</table>

*The numbers in this table do not reflect IVA distances. For IVA distances, refer to the lens calculator / Bosch IP video design tool.

### 20 MP camera with 3.7 - 7.7 mm lens*

<table>
<thead>
<tr>
<th>DORI</th>
<th>DORI definition</th>
<th>Distance 3.7 mm/7.7 mm</th>
<th>Horizontal width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detect</td>
<td>25 px/m (8 px/ft)</td>
<td>47 m/148 m (154 ft/486 ft)</td>
<td>104 m (324 ft)</td>
</tr>
</tbody>
</table>

*The numbers in this table do not reflect IVA distances. For IVA distances, refer to the lens calculator / Bosch IP video design tool.

**Scene modes**

Multiple 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 sodium lighting, fast moving objects, 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 -50 °C up to +55 °C / -58 °F up to 131 °F.

**Easy installation**

With the multi-imager camera, it is only necessary to install one camera, pull one cable, configure one IP address, and acquire one video management software (VMS) license (applicable for most common VMS, including BVMS 11.1 or higher), while having the benefit of using four cameras. The mechanical design follows the Bosch installation philosophy by using an installation mount plate and easy cable management.

Power can be supplied via Power-over-Ethernet. With this configuration, only a single cable connection is required to view, power, and control the camera. Using PoE makes installation easier and more cost-effective, as cameras do not require a local power source.

**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.
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. With future firmware updates, it will also support 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
• Bosch origin device certificate pre-installed

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.

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 facilities (for example, Dropbox). 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.

Project Assistant app
As the camera is equipped with a USB-C port for a wireless USB dongle (sold separately, available 2022), the installer can easily perform the initial configuration wirelessly. Using a mobile device with the Bosch Project Assistant app, you can do initial set-up and lens zoom-focus to find the right scene. Simply connect the wireless USB dongle and go to the Bosch Project Assistant app, available for iOS, Windows, or Android.

Regulatory information

<table>
<thead>
<tr>
<th>Standard</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emission</td>
<td>EN 55032 (Class A)</td>
</tr>
<tr>
<td></td>
<td>CFR 47 FCC part 15 (Class A)</td>
</tr>
<tr>
<td>Immunity</td>
<td>EN-50121-4</td>
</tr>
<tr>
<td></td>
<td>EN 50130-4</td>
</tr>
<tr>
<td>Environmental</td>
<td>ENS0130-5, Class IV, Fixed equipment, Outdoor in general</td>
</tr>
<tr>
<td></td>
<td>EN IEC 63000: 2018</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>
<tr>
<td>Safety</td>
<td>EN 62368-1</td>
</tr>
<tr>
<td></td>
<td>EN 60950-22</td>
</tr>
<tr>
<td></td>
<td>UL 62368-1 and UL 60950-22</td>
</tr>
<tr>
<td></td>
<td>IEC 62368-1 and IEC 60950-22</td>
</tr>
<tr>
<td></td>
<td>CAN/CSA-C22.2 No. 62368-1:14</td>
</tr>
<tr>
<td></td>
<td>CAN/CSA-C22.2 No. 60950-22-17</td>
</tr>
<tr>
<td>Image performance</td>
<td>IEC 62676-5</td>
</tr>
<tr>
<td>Impact protection</td>
<td>EN 62262 (IK10)</td>
</tr>
<tr>
<td>Weather protection</td>
<td>EN 60529 (IP66)</td>
</tr>
<tr>
<td></td>
<td>UL50E (NEMA Type 4X)</td>
</tr>
<tr>
<td></td>
<td>ONVIF conformance EN 50132-5-2, EN 62676-2</td>
</tr>
</tbody>
</table>
**Video - FLEXIDOME multi 7000i IR**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marks</td>
<td>CE, FCC, UL, WEEE, RCM, VCCI, CMIM, UKCA, China RoHS, EAC, BIS</td>
</tr>
<tr>
<td>IR lighting</td>
<td>IEC 62471</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great Britain</td>
<td>UKCA FLEXIDOME multi 7000i IR</td>
</tr>
<tr>
<td>Europe</td>
<td>CE FLEXIDOME multi 7000i IR</td>
</tr>
</tbody>
</table>

**Dimensions in mm (inch)**

**Technical specifications**

**Power**

- Input voltage: 45 W (PoE 802.3bt Type 3 Class 5 with operating temperature -50 °C to +55 °C (-58 °F to +131 °F)

- 30 W (PoE 802.3at Type 2 Class 4 with operating temperature -20 °C to +55 °C (-4 °F to +131 °F)

- 24 VAC ±10%

PoE and auxiliary power can be connected simultaneously for redundant operation

**Note:** Not compatible with NPD-6001B and NPD-9501A.

**Power Consumption**

- PoE++: 37.6 W
- PoE+: 19.44 W (without heater)
- 24 VAC: 2.59 A / 37.6 W

**Sensor**

- Sensor type: 4x 1/2.7-inch CMOS

**Sensitivity**

- Measured according to IEC 62676 Part 5 (1/25, F1.9)

- Color: 0.091 lx
- Mono: 0.012 lx
- With IR: 0 lx

**Dynamic range**

- High Dynamic Range: 120 dB WDR
- HDR Measured according to IEC 62676 Part 5: 101 dB WDR

**Night vision**

- Distance: 30 m (98 ft)
- LED: 360° LED high efficiency array, 850 nm
- IR intensity: Adjustable

**Optical**

- Lens: 3.7 - 7.7 mm F1.9
- Adjustment: Motorized zoom/focus
- Day/Night: Switchable IR-cut filter
- Viewing angle: Wide: 85.1° x 62° (H x V)
  Tele: 38.7° x 29.0° (H x V)
**Optical**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viewing angle (maximum combined)</td>
<td>Up to 360° coverage (depending on lens position and tilt)</td>
</tr>
</tbody>
</table>

**Platform**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common product platform</td>
<td>CPP14</td>
</tr>
</tbody>
</table>

**Video streaming**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video compression</td>
<td>H.265; H.264; M-JPEG</td>
</tr>
<tr>
<td>Streaming</td>
<td>Multiple configurable streams in H.264, H.265 and M-JPEG, configurable frame rate and bandwidth. Regions of Interest (ROI)</td>
</tr>
<tr>
<td>Camera latency</td>
<td>120 ms</td>
</tr>
<tr>
<td>GOP structure</td>
<td>IP</td>
</tr>
<tr>
<td>Frame rate</td>
<td>1-30 fps</td>
</tr>
<tr>
<td>Signal-to-Noise Ratio (SNR)</td>
<td>&gt;55 dB</td>
</tr>
</tbody>
</table>

**Video resolution (H x V)**

<table>
<thead>
<tr>
<th>Resolution Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. resolution (12 MP variant)</td>
<td>4x 2048 x 1536 (4:3) @30 fps, 4x 1920 x 1080 (16:9) @30 fps</td>
</tr>
<tr>
<td>Max. resolution corridor mode (12 MP variant)</td>
<td>4x 1536 x 2048 (3:4) @30 fps, 4x 1080 x 1920 (9:16) @30 fps</td>
</tr>
<tr>
<td>Max. resolution (20 MP variant)</td>
<td>4x 2592 x 1944 (4:3) @30 fps, 4x 2560 x 1440 (16:9) @30 fps</td>
</tr>
<tr>
<td>Max. resolution corridor mode (20 MP variant)</td>
<td>4x 1944 x 2592 (3:4) @25 fps, 4x 1440 x 2560 (9:16) @25 fps</td>
</tr>
<tr>
<td>Multiple lower resolutions available in 4:3 and 16:9 format individually selectable per stream and imager</td>
<td></td>
</tr>
</tbody>
</table>

**Image setup**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror image</td>
<td>On / Off</td>
</tr>
<tr>
<td>Rotate image</td>
<td>0° / 90° / 180° / 270°</td>
</tr>
<tr>
<td>Positioning</td>
<td>Coordinates / Mounting height</td>
</tr>
</tbody>
</table>

**Video functions**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Balance</td>
<td>2300 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>Day/Night</td>
<td>Auto (adjustable switch point), Color, Monochrome</td>
</tr>
<tr>
<td>Noise reduction</td>
<td>Dynamic noise reduction with 3 levels: Low, Medium and High</td>
</tr>
<tr>
<td>Scene modes</td>
<td>Standard, Sodium lighting, Sensitivity boost, Backlight, Vibrant, Color only</td>
</tr>
<tr>
<td>Privacy Masking</td>
<td>Eight independent areas per imager, fully programmable</td>
</tr>
<tr>
<td>Display stamping</td>
<td>Name; Logo; Time; Alarm message; fully programmable per imager</td>
</tr>
<tr>
<td>Additional functions</td>
<td>Contrast, Saturation level and control, Brightness, Sharpness, ALC level, Defog</td>
</tr>
</tbody>
</table>

**Video content analysis**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</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>Number of rules (simultaneously)</td>
<td>16 per imager</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, focal length and camera height</td>
</tr>
<tr>
<td>Additional functions</td>
<td>Tamper detection</td>
</tr>
</tbody>
</table>

**Local storage**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</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>
</tbody>
</table>
### Local storage
- **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**: 0.6 Vrms, 40 kOhm
- **Audio line out**: 1.0 Vrms, 10 kOhm
- **Microphone**: 1 integrated microphone (can be disabled)
- **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

### Ethernet
- **RJ-45**
- **USB**: USB 2.0 Type C, for use with wireless USB dongle for setup and commissioning (sold separately, available 2022)

### 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, 48 Kbit/s at 16 kHz sampling rate**
- **AAC-LC, 80 Kbit/s at 16 kHz sampling rate**
- **Signal-to-Noise Ratio**: >50 dB
- **Audio Streaming**: Full-duplex / half duplex

### Network
- **Interoperability**: ONVIF Profile S; ONVIF Profile G; ONVIF Profile M; ONVIF Profile T

### Data security
- **Secure Element ("TPM")**: RSA 4096 bit (with future firmware update), 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

### Mechanical
- **Dimensions (D x H)**: 275 x 137 mm (10.8 x 5.4 in)
- **Weight**: 3.38 kg (7.45 lbs)
- **Color**: White (RAL9003)
- **Gyrosensor**: Yes, 1 per imager
- **4-axis lens adjustment**: Pan: 0º to 360º, Rotate: -20º to 20º, Tilt: 0º to 105º, Roll: -90º to 90º
- **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**: 3/4-inch NPT (M25) conduit side entry (sold separately)

### Environmental
- **Operating temperature**: PoE++ (with heater): -50 ºC to +55 ºC (-58 ºF to +131 ºF)
Poe+ (without heater): -20 ºC to +55 ºC (-4 ºF to +131 ºF)
- **Storage temperature**: -40 ºC to 70 ºC (-40 ºF to 158 ºF)
- **Cold start temperature**: -20 ºC (-4 ºF)
Environmental

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating humidity</td>
<td>5% to 93% RH non condensing</td>
</tr>
<tr>
<td></td>
<td>100% RH condensing</td>
</tr>
<tr>
<td>Storage humidity</td>
<td>Up to 98% RH</td>
</tr>
<tr>
<td>Impact protection</td>
<td>IK10</td>
</tr>
<tr>
<td>Water/dust protection</td>
<td>IP66 and NEMA Type 4X</td>
</tr>
</tbody>
</table>

Ordering information

**NDM-7702-AL** Fixed dome 12MP 3.7-7.7mm IP66 IR
12 MP multi-imager camera, four motorized zoom/focus lenses, 30 fps, IVA, H.265, IK10, IP66, integrated IR up to 30 m
NDAA compliant
Order number **NDM-7702-AL** | **F.01U.389.264**

**NDM-7703-AL** Fixed dome 20MP 3.7-7.7mm IP66 IR
20 MP multi-imager camera, four motorized zoom/focus lenses, 30 fps, IVA, H.265, IK10, IP66, integrated IR up to 30 m
NDAA compliant
Order number **NDM-7703-AL** | **F.01U.389.265**

Accessories

**NDA-7050-PIPW** Pendant interface plate, 275mm
Pendant interface plate with weather cap for FLEXIDOME multi 7000i IR
Order number **NDA-7050-PIPW** | **F.01U.394.000**

**NDA-7051-CA** Conduit adapter M25 for NDM-770*, 5pcs
Conduit adapter for FLEXIDOME multi 7000i and FLEXIDOME multi 7000i IR, 5 pieces
Order number **NDA-7051-CA** | **F.01U.394.257**

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

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

**NDA-U-PAO** Surveillance cabinet 24VAC
Surveillance cabinet, 24 VAC input, 24 VAC output, IP66
Order number **NDA-U-PAO** | **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**

**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-PAO, 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 nm
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 connector
Multi-mode
1550/1310 nm
Order number **SFP-26** | **F.01U.136.542**

**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**
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Order Number</th>
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<tr>
<td>NPD-3001-WAP Portable installation tool</td>
<td>NPD-3001-WAP</td>
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<td>Bosch camera portable and wireless installation tool</td>
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<td>Wireless installation dongle for wireless commissioning</td>
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<td>NCA-WLAN-NA Wireless installation dongle USB-AC51 NA</td>
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<td>MSD-064G IP SECURITY MICROSD CARD 64GB</td>
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<td>64 GB industrial microSD card with health status monitoring</td>
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<td>MSD-256G IP SECURITY MICROSD CARD 256GB</td>
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<td>256 GB industrial microSD card with health status monitoring</td>
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</tr>
</tbody>
</table>

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