AUTODOME IP starlight 5000i

Specially designed and tuned for applications requiring surveillance in scenes with varying light levels, the AUTODOME IP starlight 5000i camera has an integrated 30X optical zoom to identify people at a maximum distance of 183 m (600 ft) with minimal loss of detail.

Functions

Low-light performance
The latest sensor technology, combined with sophisticated noise suppression and a High dynamic range of 120 dB, results in an exceptional sensitivity in color. The camera continues to provide excellent color performance even with a minimum of ambient light.

Pre-programmed user modes
The camera has several pre-configured scene modes with the best settings for various applications. With one click, users can optimize image settings to match the camera’s lighting conditions. Users can also configure individual image settings.
- Standard: For indoor fluorescent lighting.
- Sodium-lighting: For scenarios where the video is captured under sunlight in the day or under sodium vapor lamp at night.
- Vibrant: For enhanced contrast, sharpness, and saturation

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 new compression standard of choice for IP video surveillance systems.

Intelligent streaming
Smart encoding capabilities, together with Intelligent Dynamic Noise Reduction technology and analytics, make the bandwidth consumption drop to extremely low levels. Only relevant information in the scene, such as motion or objects found with the analytics, are encoded.

Support for H.264 and H.265 with Encoder Regions
Set a region in the field of view and define a specific encoder profile to it. This setting reduces the bitrate of the stream further than intelligent streaming alone.

Recording and storage management
Recording management can be controlled by the Bosch Video Recording Manager application, or the camera can use local storage and iSCSI targets directly without any recording software.
A memory card with a maximum of 32 GB (microSDHC) / 2 TB (microSDXC) can be used for recording "at the edge" or for Automatic Network Replenishment (ANR) technology to improve the overall recording reliability. Pre-alarm recording in RAM reduces bandwidth consumption on the network and extends the effective life of the memory card.

**Essential Video Analytics on the edge**

The camera includes the latest release of Essential Video Analytics application from Bosch for use on Pre-positions. The Essential Video Analytics application provides reliable video analytics for small and medium business, large retail stores, commercial buildings, and warehouses.

Advanced tasks like multiple line crossing, loitering, idle / removed object detection, crowd density estimation, occupancy and people counting are available for live alarming and forensic search. Object filters based on size, speed, direction, aspect ratio, and color can be defined.

A simplified calibration mode reduces installation time significantly, because you only need to enter the installation height once for each camera, independent of pre-positions.

After the camera is calibrated, the analytics engine can automatically classify objects as upright person, car, bike, or truck.

**Sophisticated alarm responses**

The camera supports advanced alarm control that uses sophisticated rules-based logic to determine how to manage alarms. In its most basic form, a “rule” could define which input(s) should activate which output(s). In a more complex form, inputs and outputs can be combined with pre-defined or user-specified commands to perform advanced camera functions.

**Superior privacy masking**

The camera allows for a total of 32 individual privacy masks, with up to eight masks displayed in the same scene. Each mask can be programmed with eight corners. Each mask changes size and shape smoothly and quickly, ensuring that the covered object cannot be seen.

With the AUTO Privacy Mask, the color of the Privacy Mask will adapt to the color of the surroundings.

**DORI coverage**

DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a camera 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:

<table>
<thead>
<tr>
<th>DORI definition</th>
<th>Distance</th>
<th>TELE 30X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detect</td>
<td>25 px/m</td>
<td>65 m</td>
</tr>
<tr>
<td></td>
<td>(8 px/ft)</td>
<td>(213 ft)</td>
</tr>
<tr>
<td>Observe</td>
<td>63 px/m</td>
<td>26 m</td>
</tr>
<tr>
<td></td>
<td>(19 px/ft)</td>
<td>(85 ft)</td>
</tr>
<tr>
<td>Recognize</td>
<td>125 px/m</td>
<td>13 m</td>
</tr>
<tr>
<td></td>
<td>(38 px/ft)</td>
<td>(43 ft)</td>
</tr>
<tr>
<td>Identify</td>
<td>250 px/m</td>
<td>7 m</td>
</tr>
<tr>
<td></td>
<td>(76 px/ft)</td>
<td>(23 ft)</td>
</tr>
</tbody>
</table>

**Data security**

Special measures are necessary to ensure the highest level of security for device access and data transport. On initial setup, the camera is only accessible over secure channels. You must set a service-level password in order to access camera functions. The camera allows for a total of 32 individual privacy masks, with up to eight masks displayed in the same scene. Each mask can be programmed with eight corners. Each mask changes size and shape smoothly and quickly, ensuring that the covered object cannot be seen.

With the AUTO Privacy Mask, the color of the Privacy Mask will adapt to the color of the surroundings.

**Software sealing**

After camera configuration is set and should not be changed, system administrators can enable software protection that seals the camera configuration. Any change of the sealing status and any change to static configuration, accidentally or intentional, will break the seal. The camera then sends an alarm message that the video management system can use to start an appropriate alarm scenario. The camera creates a separate log file of all changes that have an effect on the sealing status.

**System integration and ONVIF conformance**

The camera conforms to the ONVIF Profile S, ONVIF Profile G 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.

**PTZ drive and mechanism**

The camera supports 256 pre-positions and two styles of Guard Tours: Pre-position and Record/Playback. The Pre-position tour has capability for up to 256 pre-positions with a configurable dwell time between pre-positions and can be customized as to the order and the frequency that each Pre-position is visited. The camera also provides support for two (2) recorded tours, which have a total duration of 15 minutes of movements. These are recorded macros of an operator’s movements, including pan, tilt, and zoom activities, and can be played back in a continuous manner.

Pan and tilt preset repeatability are accurate to within ±0.1 degrees to ensure that the correct scene is captured every time. The camera delivers maximum pan speed of 300 degrees per second and maximum tilt speed of 200° degrees per second. The camera is capable of manual speeds (pan and tilt) of 0.1 to 120 degrees per second. The camera provides a pan range of up to 360 degrees continuous rotation.

**Snap to zoom**

Drawing a box in the image will trigger the camera to zoom to the correct position.

**Ease of installation and servicing**

The camera has been designed for quick and easy installation, a key feature from Bosch IP video products. All housings feature recessed screws and latches for increased tamper resistance. Bosch designed the camera with the knowledge that field cables and mounts are installed before the camera is mounted. The installation concept allows a single person to connect the cables directly to the camera without re-routing cables. The camera is easily secured to the mount with a single screw. The pendant housings are rated to provide IP66 protection and offer an operating temperature range down to -40 °C (-40 °F). The pendant camera comes fully assembled with a sunshield and ready for wall or pipe applications with the proper mounting hardware (sold separately).

Bosch offers a full complement of hardware and accessories (sold separately) for wall, corner, mast, roof, pipe mount, and in-ceiling applications for indoor and outdoor environments, which allow the camera to be adapted easily to individual site requirements.

**Project Assistant**

**Project Assistant** by Bosch is the market’s most easy-to-use app for initial installation and basic configuration of IP cameras. Off-site and without connection to the camera, basic configurations can already be covered and shared with colleagues. On-site, these pre-configurations can simply be pushed onto the camera, making the installation procedure easier and less time consuming. Already configured cameras can be integrated as well. The app allows easy viewing and adjustment of the camera's field of view. The app automatically generates a comprehensive report of the commissioned cameras.

**Certifications and approvals**

**HD standards**

- Complies with the SMPTE 274M-2008 Standard in:
  - Resolution: 1920x1080
  - Scan: Progressive
  - Color representation: complies with ITU-R BT.709
  - Aspect ratio: 16:9
  - Frame rate: 25 and 30 frames/s
- Complies with the 296M-2001 Standard in:
  - Resolution: 1280x720
  - Scan: Progressive
  - Color representation: complies with ITU-R BT.709
  - Aspect ratio: 16:9
  - Frame rate: 25 and 30 frames/s

**Marking**

<table>
<thead>
<tr>
<th>Marking</th>
<th>Applicable Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>cULus</td>
<td>UL60950-1/-22 (ed 2) (Includes CSA 22.2 No. 60950-1/-22)</td>
</tr>
<tr>
<td>FCC Part 15 (USA)</td>
<td>47CFR Part 15</td>
</tr>
<tr>
<td></td>
<td>ICES-003 (Canada)</td>
</tr>
</tbody>
</table>

**CE (Europe)**

**Electromagnetic Compatibility (EMC) Directive**

- EN 61000-3:2:2014
- EN 61000-3:3:2013

**Product Safety: Low Voltage Directive** (IECEE CB scheme certificate and report are required)

- IEC 60950-1/-22 (ed 1)

**Other labels / markings**

- RCM, EAC, WEEE, China RoHS, BIS

EAC = NDP-5512-Z30, NDP-5512-Z30C
For a full list of all related certifications/standards, refer to the Product Tests Report, available on the online catalog, on the Documents tab of the product page for your device. If the document is unavailable on the product page, contact your sales representative.

### Installation/configuration notes

**Fig. 1:** Wall mount; Wall mount with surveillance cabinet (IP66)

**Fig. 2:** Pendant Pipe mount
* NDA-U-PMTE: optional 50cm / 20" extension pipe

**Fig. 3:** Pole mount (IP66); Corner mount (IP66)

### Technical specifications

<table>
<thead>
<tr>
<th>Section</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imager</td>
<td>1/2.8&quot; progressive scan CMOS</td>
</tr>
<tr>
<td>Effective Picture Elements</td>
<td>1945 x 1097 (2.13 MP)</td>
</tr>
<tr>
<td>Lens</td>
<td>30x zoom 4.5 mm - 135 mm (F1.6 - F4.4)</td>
</tr>
<tr>
<td>Optical Zoom Field of View (FOV)</td>
<td>2.4° - 60.9°</td>
</tr>
<tr>
<td>Focus</td>
<td>Automatic with manual override</td>
</tr>
<tr>
<td>Iris</td>
<td>Automatic with manual override</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>16x</td>
</tr>
</tbody>
</table>

### Video performance - Sensitivity

(3100K, reflectivity 89%, 1/30, F1.6, 30 IRE)

| Color | 0.0186 lux |
| Mono | 0.004 lux |

### Additional Camera Settings

<table>
<thead>
<tr>
<th>Setting</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain control</td>
<td>AGC, Variable 6 dB to 71 dB</td>
</tr>
</tbody>
</table>
Electronic Shutter Speed (AES) | 0.64 sec to 1/66666 sec  
Signal-to-Noise Ratio (SNR) | >55 dB  
Day/Night switch | Automatic IR cut filter  
Backlight compensation (BLC) | On / Off / Intelligent Auto Exposure (IAE)  
White balance | Basic auto, Standard auto, Sodium lamp auto, Dominant color auto, Manual  
Day/Night (mode) | Monochrome, Color, Auto  
Defog mode feature | Improves visibility when viewing foggy or other low-contrast scenes.  

**Dynamic range**  
High dynamic range | 120 dB WDR  
Measured according to IEC 62676 Part 5 | 107 dB WDR  

**Video content analysis**  
Analysis type | Essential Video Analytics  
Configurations | Silent VCA / Profile1 - 16  
Alarm rules (combinable) | Any object  
Object in field  
Entering field  
Leaving field  
Loitering  
Following route  
Object in field  
Removed object  
Counter  
Occupancy  
Crowd detection  
Condition change  
Similarity search  
Tampering  
Object filters | Duration  
Size  
Aspect ratio v/h  
Speed  
Direction  
Color  

**Video content analysis**  
Object classes (Upright persons, Bikes, Cars, Trucks)  
Calibration | Automatic self-calibrating when height is set  

**Mechanical**  
Pan/Tilt modes | Normal: 0.1°/s - 120°/s  
Turbo: Pan: 0.1°/s - 300°/s; Tilt: 0.1°/s - 200°/s  
Pre-position speed | Pan: 300°/s  
Tilt: 200°/s  
Pan Range | 360° continuous  
Tilt Angle | -90° to 0° (Auto-flip 180°)  
Pre-position Accuracy | ± 0.1° typ.  
Pre-positions | 256  
Tours | Recorded tours: two (2), maximum total duration 15 minutes (depending on the amount of commands sent during recording)  
Pre-position tour: one (1), consisting of up to 256 scenes consecutively, and one (1), customized up to 64 scenes  

**Electrical**  
Input voltage | 24 VAC and PoE+  
Power consumption | 14 W (heater off) / 24 W (heater on)  

**Network**  
Video compression | H.265  
H.264  
M-JPEG  
Streaming | Four (4) streams: Two (2) configurable streams in H.264 or H.265  
One (1) I-frame-only stream based on first stream  
One (1) M-JPEG Stream  
Maximum frame rate | 60fps at all resolutions  
IP delay (typical) | 60 fps: 200 ms  

**Resolution (H x V)**  
1080p Full HD (16:9) | 1920 x 1080  
720p HD (16:9) | 1280 x 720  
1.3MP (5:4) | 1280 x 1024 cropped  
D1 4:3 (cropped) (4:3) | 704 x 576
### Video - AUTODOME IP starlight 5000i

#### Resolution (H x V)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>640x480 (4:3)</td>
<td>640x480 cropped</td>
<td></td>
</tr>
<tr>
<td>432p SD</td>
<td>768 x 432</td>
<td></td>
</tr>
<tr>
<td>288p SD</td>
<td>512 x 288</td>
<td></td>
</tr>
</tbody>
</table>

#### Bitrate

The average typical optimized bitrate in kbits/second for various frame rates is shown in the following table:

<table>
<thead>
<tr>
<th>Video compression</th>
<th>H.265</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPS</td>
<td>1080p</td>
</tr>
<tr>
<td>15</td>
<td>1157</td>
</tr>
<tr>
<td>10</td>
<td>1075</td>
</tr>
<tr>
<td>5</td>
<td>746</td>
</tr>
<tr>
<td>2</td>
<td>407</td>
</tr>
</tbody>
</table>

#### Ethernet

- 10/100BASE-T

#### Encryption

- TLS 1.0, SSL, DES, 3DES, AES

#### 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, Dropbox™, CHAP, digest authentication

#### Interoperability

- ONVIF Profile S, ONVIF Profile G, ONVIF Profile T, GB/T 28181

#### Local Storage

- Memory card slot: Support a memory card with a maximum of 32 GB (microSDHC) / 2 TB (microSDXC) (user-supplied). (An SD card of Class 6 or higher is recommended for HD recording.)

#### Miscellaneous

- Sector/Titling: 16 independent sectors with 20 characters per title
- Privacy Masks: 32 individually configurable privacy masks

#### Privacy Masks pattern

Black, White, Gray, Auto (average background color)

#### Supported Languages

- English, German, Spanish, French, Italian, Dutch, Polish, Portuguese, Russian, Japanese, Chinese (simplified)

#### Compression

- G.711, 8kHz sampling rate
- L16, 16kHz sampling rate
- AAC, 16kHz sampling rate

#### Interface

- 1/1 Channel In/Out

#### User Connections

- Power: RJ45 10/100 Base-T PoE+ (IEEE 802.3at, class 4 standard) / 21-30 VAC, 50/60 Hz
- Alarm Inputs: 2
- Alarm Outputs: 1 relay output 5 VDC, 150 mA maximum
- Audio: 1x mono line in, 1x mono line out
- Signal line in: 94 kOhm typical, 1 Vrms maximum
- Signal line out: 1 kOhm typical, 1 Vrms maximum

#### Communications / Software Control

- Serial protocols: Bosch OSRD, Pelco P/D, Forward Vision, and Cohu
- Note: A separate license (MVS-FCOM-PRCL) is required.

#### Environmental (pendant model)

- Ingress Protection Rating/ Standard: IP66
- IK Rating: IK10
- Operating temperature: -40 ºC to +60 ºC (-40 ºF to +140 ºF)
- Humidity: 0% to 100% RH, condensing
- Storage temperature: -40 ºC to +60 ºC (-40 ºF to +140 ºF)

#### Environmental (in-ceiling model)

- Ingress Protection Rating/ Standard: IP51
- Operating temperature: -10 ºC to +60 ºC (+14 ºF to +140 ºF)
### Video - AUTODOME IP starlight 5000i

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>Up to 90% RH, non-condensing</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-40 °C to +60 °C (-40 °F to +140 °F)</td>
</tr>
</tbody>
</table>

#### Construction (pendant model)

<table>
<thead>
<tr>
<th>Dimension (D x H)</th>
<th>207 mm x 303.6 mm (8.15 in x 11.95 in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>3.25 kg (7.17 lb)</td>
</tr>
<tr>
<td>Construction Material</td>
<td>Housing: Aluminum</td>
</tr>
<tr>
<td></td>
<td>Sunshield: Outdoor Grade Plastic</td>
</tr>
<tr>
<td></td>
<td>Bubble: Polycarbonate, anti-reflective, anti-static, anti-scratch, hydrophobic, UV protective</td>
</tr>
<tr>
<td>Standard Color</td>
<td>White (RAL 9003)</td>
</tr>
</tbody>
</table>

#### Construction (in-ceiling model)

<table>
<thead>
<tr>
<th>Dimension (DIA x H)</th>
<th>198 mm x 176.6 mm (7.8 in x 6.95 in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>2.1 kg (4.63 lb)</td>
</tr>
<tr>
<td>Construction Material</td>
<td>Housing: SPCC</td>
</tr>
<tr>
<td></td>
<td>Trim ring: PC/ABS</td>
</tr>
<tr>
<td></td>
<td>Bubble: Polycarbonate</td>
</tr>
<tr>
<td>Standard color</td>
<td>White (RAL 9003)</td>
</tr>
</tbody>
</table>

#### Ordering information

**NDP-5512-Z30C PTZ 2MP HDR 30x clear in-ceiling**
In-ceiling IP PTZ dome camera; 1080p60; 30X optical, 4x4 digital zoom; 120dB HDR; starlight imaging; IAE; EVA; PoE; Intelligent Streaming; clear, high-resolution, coated bubble. Dual power options.
Order number **NDP-5512-Z30C | F.01U.345.123**

**NDP-5512-Z30 PTZ 2MP HDR 30x clear IP66 pendant**
IP PTZ dome camera; 1080p60; 30X optical, 4x4 digital zoom; 120dB HDR; starlight imaging; IAE; EVA; PoE; Intelligent Streaming; clear, high-resolution, coated bubble. Dual power options.
Order number **NDP-5512-Z30 | F.01U.345.122**

**Accessories**

**UPA-2450-50 PSU, 220VAC 50Hz, 24VAC 50VA out**
Indoor power supply for camera. 220 VAC, 50 Hz in; 24 VAC, 50 VA out
Order number **UPA-2450-50 | F.01U.076.157**

**UPA-2450-60 PSU, 120VAC 60Hz, 24VAC 50VA out**
Indoor power supply for camera. 120 VAC, 60 Hz In; 24 VAC, 50 VA Out
Order number **UPA-2450-60 | F.01U.076.154**

**NPD-6001B Midspan, 60W, single port, AC in**
60 W indoor midspan for cameras without illuminators
Order number **NPD-6001B | F.01U.347.358 F.01U.392.458**

**Fig. 6: In-ceiling model**
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDA-U-PA0</td>
<td>Surveillance cabinet 24VAC</td>
<td>NDA-U-PA0</td>
</tr>
<tr>
<td>NDA-U-PA1</td>
<td>Surveillance cabinet 120VAC</td>
<td>NDA-U-PA1</td>
</tr>
<tr>
<td>NDA-U-PA2</td>
<td>Surveillance cabinet 230VAC</td>
<td>NDA-U-PA2</td>
</tr>
<tr>
<td>NDA-U-CMT</td>
<td>Corner mount adapter</td>
<td>NDA-U-CMT</td>
</tr>
<tr>
<td>NDA-U-PMAL</td>
<td>Pole mount adapter large</td>
<td>NDA-U-PMAL</td>
</tr>
<tr>
<td>NDA-U-PMAS</td>
<td>Pole mount adapter small</td>
<td>NDA-U-PMAS</td>
</tr>
<tr>
<td>NDA-U-PMT</td>
<td>Pendant pipe mount, 12&quot; (31cm)</td>
<td>NDA-U-PMT</td>
</tr>
<tr>
<td>NDA-U-PMTE</td>
<td>Pendant pipe extension, 20&quot; (50cm)</td>
<td>NDA-U-PMTE</td>
</tr>
<tr>
<td>NDA-U-PSMB</td>
<td>Pendant wall/ceiling mount SMB</td>
<td>NDA-U-PSMB</td>
</tr>
<tr>
<td>NDA-U-WMP</td>
<td>Wall mount plate</td>
<td>NDA-U-WMP</td>
</tr>
<tr>
<td>NDA-U-WMT</td>
<td>Pendant wall mount</td>
<td>NDA-U-WMT</td>
</tr>
<tr>
<td>NDA-U-RMT</td>
<td>Pendant parapet mount</td>
<td>NDA-U-RMT</td>
</tr>
<tr>
<td>LTC 9230/01</td>
<td>Parapet roof mount adapter</td>
<td>LTC 9230/01</td>
</tr>
<tr>
<td>VGA-IC-SP</td>
<td>Suspended ceiling support kit, 7&quot;</td>
<td>VGA-IC-SP</td>
</tr>
<tr>
<td>MNT-ICP-ADC</td>
<td>Drop ceiling support kit for AUTODOME</td>
<td>MNT-ICP-ADC</td>
</tr>
<tr>
<td>NDA-4020-PLEN</td>
<td>Plenum box for PTZ dome</td>
<td>NDA-4020-PLEN</td>
</tr>
<tr>
<td>NDA-5020-PTBL</td>
<td>Tinted bubble for PTZ dome</td>
<td>NDA-5020-PTBL</td>
</tr>
<tr>
<td>NEZ-A5-BUB-CTIP</td>
<td>Bubble, tinted, for in-ceiling model</td>
<td>NEZ-A5-BUB-CTIP</td>
</tr>
<tr>
<td>VG4-SFPSCKT</td>
<td>Ethernet to SFP interface kit</td>
<td>VG4-SFPSCKT</td>
</tr>
<tr>
<td>SFP-2</td>
<td>Fiber module, multimode, 1310nm, 2LC</td>
<td>SFP-2</td>
</tr>
<tr>
<td>SFP-3</td>
<td>Fiber module, single-mode, 1310nm, 2LC</td>
<td>SFP-3</td>
</tr>
<tr>
<td>SFP-25</td>
<td>Fiber module, 1310/1550nm, 1SC</td>
<td>SFP-25</td>
</tr>
<tr>
<td>SFP-26</td>
<td>Fiber module, 1550/1310nm, 1SC</td>
<td>SFP-26</td>
</tr>
<tr>
<td>MVS-FCOM-PRCL</td>
<td>License key for serial protocol</td>
<td>MVS-FCOM-PRCL</td>
</tr>
<tr>
<td>EWE-AD5HD-IW</td>
<td>12mths wrty ext AUTODOME IP 5000 HD</td>
<td>EWE-AD5HD-IW</td>
</tr>
</tbody>
</table>