The 95 W midspan is a high-power PoH (Power Over HDBase T) device that provides data and power between an Ethernet switch and an IP camera.

In the table below, an "X" identifies which midspans can supply power to which models of cameras.

<table>
<thead>
<tr>
<th>Camera models</th>
<th>95 W outdoor model</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTODOME 5000i models</td>
<td>X</td>
</tr>
<tr>
<td>AUTODOME 7000i - outdoor models (with heater)</td>
<td>X</td>
</tr>
<tr>
<td>All MIC 7000i / 7100i / 9000i models without illuminator</td>
<td>X</td>
</tr>
<tr>
<td>All MIC 7000i / 7100i / 9000i models with illuminator</td>
<td>X</td>
</tr>
</tbody>
</table>

Certifications and approvals

- Electromagnetic Compatibility (EMC): Complies with FCC Part 15, and CE regulations, including EN 55032 Class B (emission), EN 55024 (Immunity), and VCCI
- Product Safety: Complies with UL/cUL
- Regulatory Compliance: RoHS compliant, WEEE compliant, CE

Lightning suppression: Meets GR-1089-CORE lightning suppression demands

Surge suppression: ITU-T. K45 for outputs communication ports

Region: Europe

Certification: CE, NPD-9501-E

Parts included

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>95W outdoor midspan</td>
</tr>
<tr>
<td>1</td>
<td>120 -240 VAC power plug</td>
</tr>
<tr>
<td>2</td>
<td>Waterproof cap covers for male RJ45 port plugs</td>
</tr>
<tr>
<td>1</td>
<td>Quick installation guide</td>
</tr>
</tbody>
</table>

Technical specifications

Electrical

- Input voltage: 100 to 240 VAC±10%, 50/60 Hz
- Output voltage: 54 VDC (nominal)
- Input current: 2.5 A (@ 100 VAC)
## Available output power (maximum)
| Available output power (maximum) | 95 W |

## High Power Over Ethernet (High PoE) Output
- Pin Assignment and Polarity:
  - Pairs 1/2 (-) and 3/6 (+)
  - Pairs 7/8 (-) and 4/5 (+)

## Surge suppression
- Yes

### Environmental

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-40 °C to +60 °C (-40 °F to +140 °F)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 °C to +85 °C (-40 °F to +158 °F)</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>Maximum 95%, non-condensing</td>
</tr>
<tr>
<td>Storage Humidity</td>
<td>Maximum 95%, non-condensing</td>
</tr>
<tr>
<td>Operating Altitude</td>
<td>Up to 2000 m (6,560 ft)</td>
</tr>
</tbody>
</table>

## Ingress Protection Rating/Standard
- IP67

### Construction

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (L x W x H)</td>
<td>214 mm x 150 mm x 70 mm (8.4 in. x 5.9 in. x 2.7 in.)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.2 kg (4.85 lb)</td>
</tr>
<tr>
<td>Mounting options</td>
<td>To a wall; to a pole (25 mm - 203 mm) with the Pole mount adapter accessory (sold separately)</td>
</tr>
</tbody>
</table>

## Ordering information
**NPD-9501-E Midspan 95W 1 port outdoor**
95 W outdoor midspan for AUTODOME 7000 and MIC IP cameras with or without illuminators
Order number **NPD-9501-E | F.01U.365.279**

**Accessories**
**NDA-9501-PMA Pole mount adapter for NPD-9501-E**
Pole mount adapter for outdoor midspan
Order number **NDA-9501-PMA | F.01U.374.407**

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