

## NPD-9501-E Midspan 95W 1 port outdoor

### High POE midspans



- ▶ Designed for outdoor installation
- ▶ Supports high-power PoE/PoH
- ▶ Lightning suppression
- ▶ Detects and protects non-standard Ethernet terminals automatically

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.

| Camera models                                            | 95 W outdoor model |
|----------------------------------------------------------|--------------------|
| AUTODOME 5000i models                                    | X                  |
| AUTODOME 7000i - outdoor models (with heater)            | X                  |
| All MIC 7000i / 7100i / 9000i models without illuminator | X                  |
| All MIC 7000i / 7100i / 9000i models with illuminator    | X                  |

#### Certifications and approvals

|                                      |                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Electro-magnetic 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 | Regulatory compliance/quality marks |            |
|--------|-------------------------------------|------------|
| Europe | CE                                  | NPD-9501-E |

#### Parts included

| Quantity | Component                                      |
|----------|------------------------------------------------|
| 1        | 95W outdoor midspan                            |
| 1        | 120 -240 VAC power plug                        |
| 2        | Waterproof cap covers for male RJ45 port plugs |
| 1        | Quick installation guide                       |

#### 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)           | 95 W                                                                                                       |
| High Power Over Ethernet (High PoE) Output | Pin Assignment and Polarity:<br>4 Pair power<br>- Pairs 1/2 (-) and 3/6 (+)<br>- Pairs 7/8 (-) and 4/5 (+) |
| Surge suppression                          | Yes                                                                                                        |

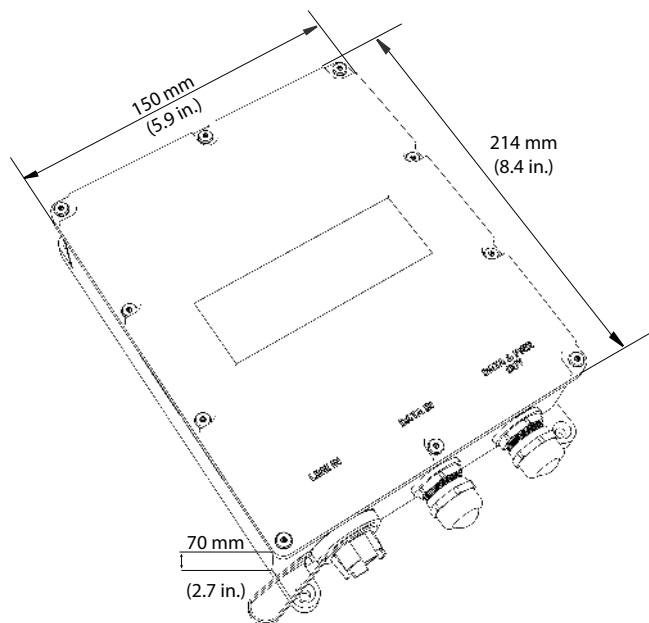
### Environmental

|                       |                                         |
|-----------------------|-----------------------------------------|
| Operating Temperature | -40 °C to +60 °C<br>(-40 °F to +140 °F) |
| Storage Temperature   | -40 °C to +85 °C<br>(-40 °F to +158 °F) |
| Operating Humidity    | Maximum 95%, non-condensing             |
| Storage Humidity      | Maximum 95%, non-condensing             |
| Operating Altitude    | Up to 2000 m (6,560 ft)                 |

|                                    |      |
|------------------------------------|------|
| Ingress Protection Rating/Standard | IP67 |
|------------------------------------|------|

### Construction

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| Dimensions (L x W x H) | 214 mm x 150 mm x 70 mm<br>(8.4 in. x 5.9 in. x 2.7 in.)                                      |
| Weight                 | 2.2 kg (4.85 lb)                                                                              |
| Mounting options       | To a wall; to a pole (25 mm - 203 mm) with the Pole mount adapter accessory (sold separately) |



### 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**

#### Represented by:

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: +31 40 2577 284  
emea.securitysystems@bosch.com  
emea.boschsecurity.com

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Germany  
www.boschsecurity.com

**North America:**  
Bosch Security Systems, LLC  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
onlinehelp@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia