

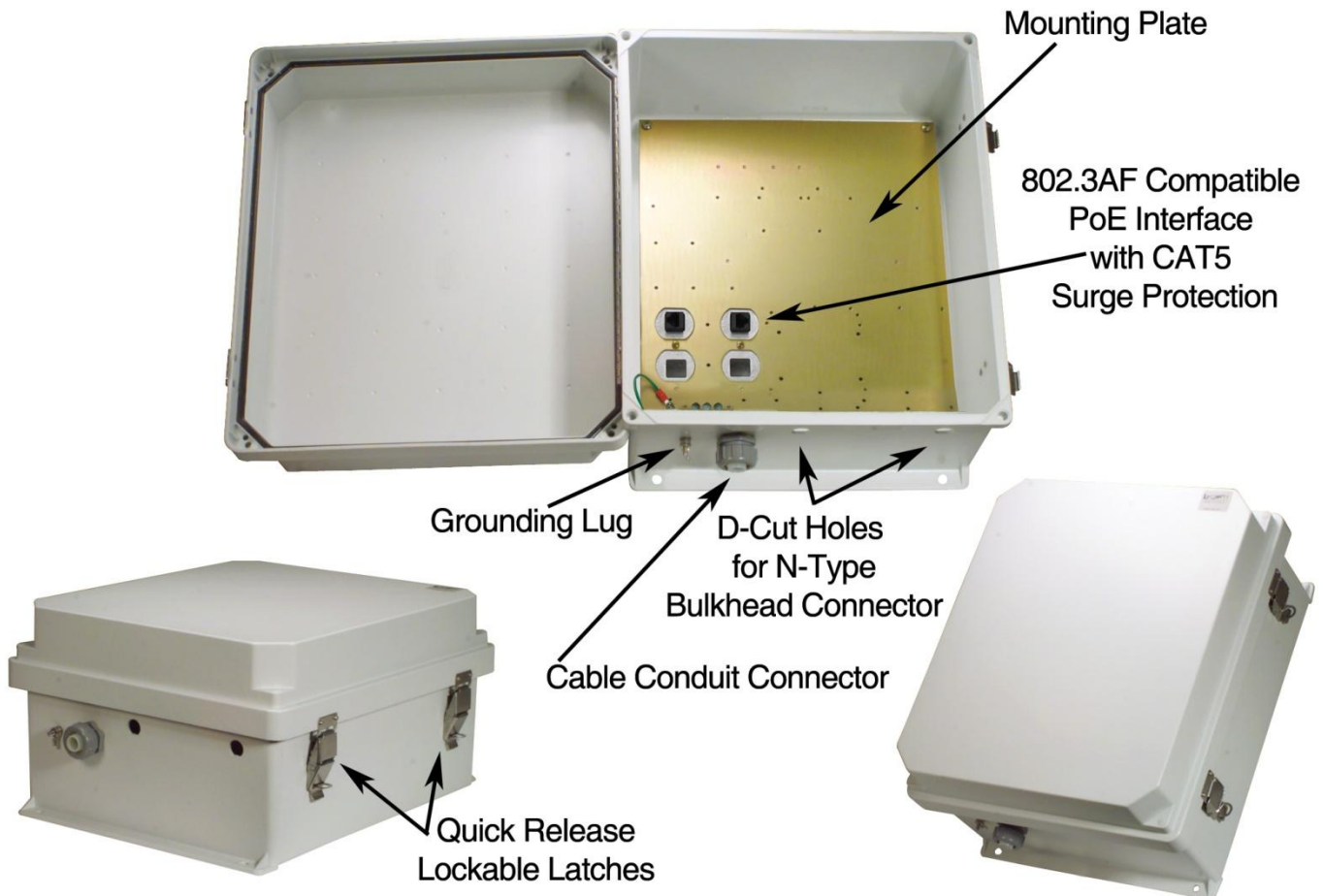
## 14x12x7 Inch Weatherproof Enclosure with 802.3af (PoE) Power-Over-Ethernet Interface with CAT 5 Surge Protection - Model: NB141207-400

### Applications

- Remote Wireless LAN WiFi equipment installations using Power-Over-Ethernet
- Rapid deployment & indoor/outdoor installations
- Corrosive environments
- Hotspot applications
- Protection of equipment from theft or damage

### Features

- Molded fiberglass reinforced polyester (FRP) industrial enclosure with integral mounting flange
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4, 4X / IP66 rated
- Fully gasketed raised lid
- Features aluminum mounting plate with 802.3af compatible PoE Interface with CAT5 surge protection



## Description

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### **Start with the Box...**

The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The mounting flange allows it to be wall mounted as well as on a flat surface. The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The raised lid is fully gasketed. The enclosure material is UV stabilized and comes in machine tool gray.

### **Mounting Plate**

The aluminum mounting plate has provisions to mount WLAN equipment from Cisco®, Symbol®, D-Link®, HyperLink and more. With the optional HGX-AMOUNT02 bracket a wide array of HyperLink Amplifiers, Power-Over-Ethernet products and Power Supplies can be mounted as well. Two of these brackets can be mounted side by side. Also available is the HGX-NMOUNT03 Universal Mounting Shelf that can be attached to the mounting plate and can accommodate additional equipment to be placed in the enclosure.

### **Power-over-Ethernet (PoE)**

The Mounting Plate features a CAT5 802.3af compatible PoE interface that feeds power plus data to the internal network equipment. It requires an injector/Midspan to supply 48VDC to the PoE devices installed inside the enclosure. The interface includes Lightning Protection and support for normal and reverse polarity POE equipment. An optional PoE interface with surge protection can be added for a second CAT5 cable.

### **Lightning Protection**

The PoE interface features built in lightning protection. This helps add an extra level of protection to PoE equipment installed in the enclosure. In addition, the unit can accept up to two optional bulkhead-mount N-Type lightning protectors to protect the coaxial cable runs.

**Specifications**

<b>Enclosure Material</b>	Fiberglass Reinforced Polyester
<b>Enclosure Color</b>	Machine Tool Gray
<b>Mounting Plate Material</b>	.10 in. (2.5mm) Thick Anodized Aluminum
<b>Mounting Plate Dimensions</b>	12.7 x 10.8 in. (32.2 x 27.4 cm)
<b>Weight</b>	10.6 lbs (4.8 kg)
<b>Outside Dimensions H x W x D (max)</b>	15.3 x 13.3 x 8.2 in. (389 x 338 x 208 mm)
<b>Inside Dimensions H x W x D</b>	14.0 x 12.0 x 7.3 in. (356 x 305 x 186 mm)
<b>Flame Rating</b>	UL 94-5V
<b>Cable Feed</b>	1/2 in. Cable Conduit Connector
<b>RoHS Compliant</b>	Yes
<b>Ratings*</b>	NEMA Type 4, 4X / IP66

\*Note: Enclosure ports (Cable conduit connector and N-type holes for lightning protectors or connectors) must be properly sealed to maintain NEMA Type 4, 4X / IP66 rating.

**Application Diagram**

