



Power-Over-Ethernet (PoE) Weatherproof 14"x12"x7" Enclosure with Mounting Plate

Model: NB141207-400

Applications and Features

- Applications:**
- Remote Wireless LAN WiFi equipment installations using Power-Over-Ethernet
 - Indoor and outdoor installations
 - Corrosive environments
 - Hotspot applications
 - Protection of equipment from theft or damage
- Features:**
- Molded fiberglass reinforced polyester enclosure
 - Stainless steel quick release latches with padlock hasps
 - Fully gasketed raised lid
 - Integral mounting flange
 - Aluminum mounting plate
 - Power-Over-Ethernet (PoE) interface with lightning protection
 - NEMA Type 4X / IP65 rated*
 - Mounting plate can accommodate WLAN equipment from Cisco®, Symbol®, D-Link®, HyperLink and more..
 - Optional universal equipment shelf and mounting brackets available

**NB141207-400**



Model: NB141207-400

Product Description

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 PoE interface that is used to split the Data and Power carried by a CAT5 cable to the internal equipment and supply 48 volts DC to the cooling Fan. The interface includes Lightning Protection and support for normal and reverse polarity POE equipment. To supply the required current to the equipment and Fan, the HyperLink BT-CAT5-P1-4840 power supply and injector kit should be used. Cisco® PoE equipment requires substitution of a BT-CAT5-P1R4840 kit to supply reverse polarity 48 volts. An optional PoE interface surge protector can be added to add protection 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. An additional PoE interface is available for use in the enclosure (see accessories below).

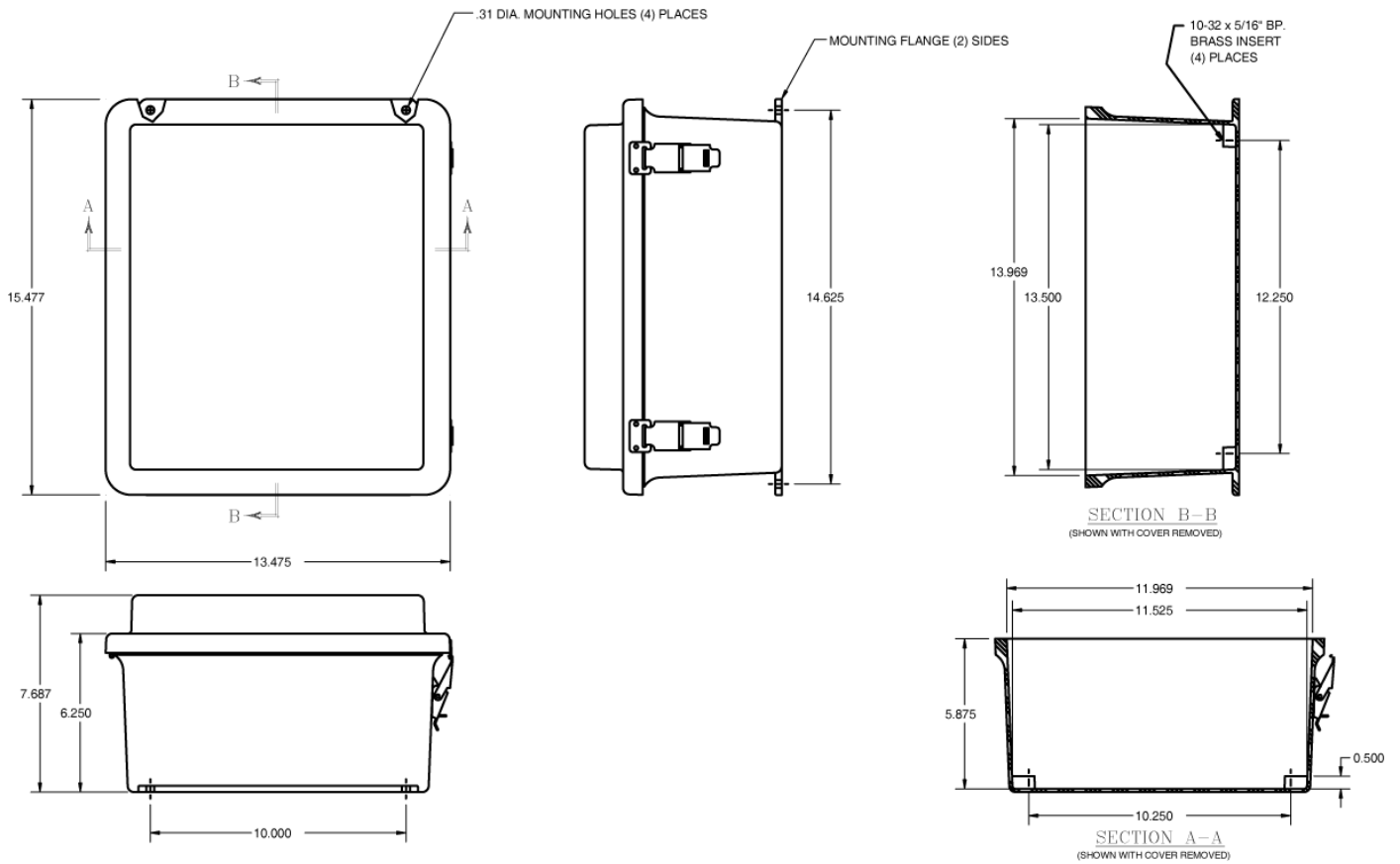
Specifications

| Models | NB141207-400 |
|---------------------------|---|
| Mounting Plate Material | .10" (2.5mm) Thick Anodized Aluminum |
| Mounting Plate Dimensions | 12.7 x 10.8 inches (32.2 x 27.4 cm) |
| Enclosure Material | Fiberglass Reinforced Polyester |
| Enclosure Color | Machine Tool Gray |
| Weight | 10.6 lbs (4.8 kg) |
| Outside Dimensions (max) | 15.5 x 13.5 x 7.7 inches (39.3 x 34.2 x 19.5 cm) |
| Inside Dimensions | 13.5 x 11.5 x 5.8 inches (34.3 x 29.2 x 14.7 cm) |
| Flame Rating | UL 94-5V |
| Cable Feed | 1/2" Cable Conduit Connector |
| Ratings* | NEMA 4X / IP65 |

*Note: Enclosure ports (Cable conduit connector and N-type holes for lightning protectors or connectors) must be properly sealed to maintain NEMA 4X / IP65 rating.



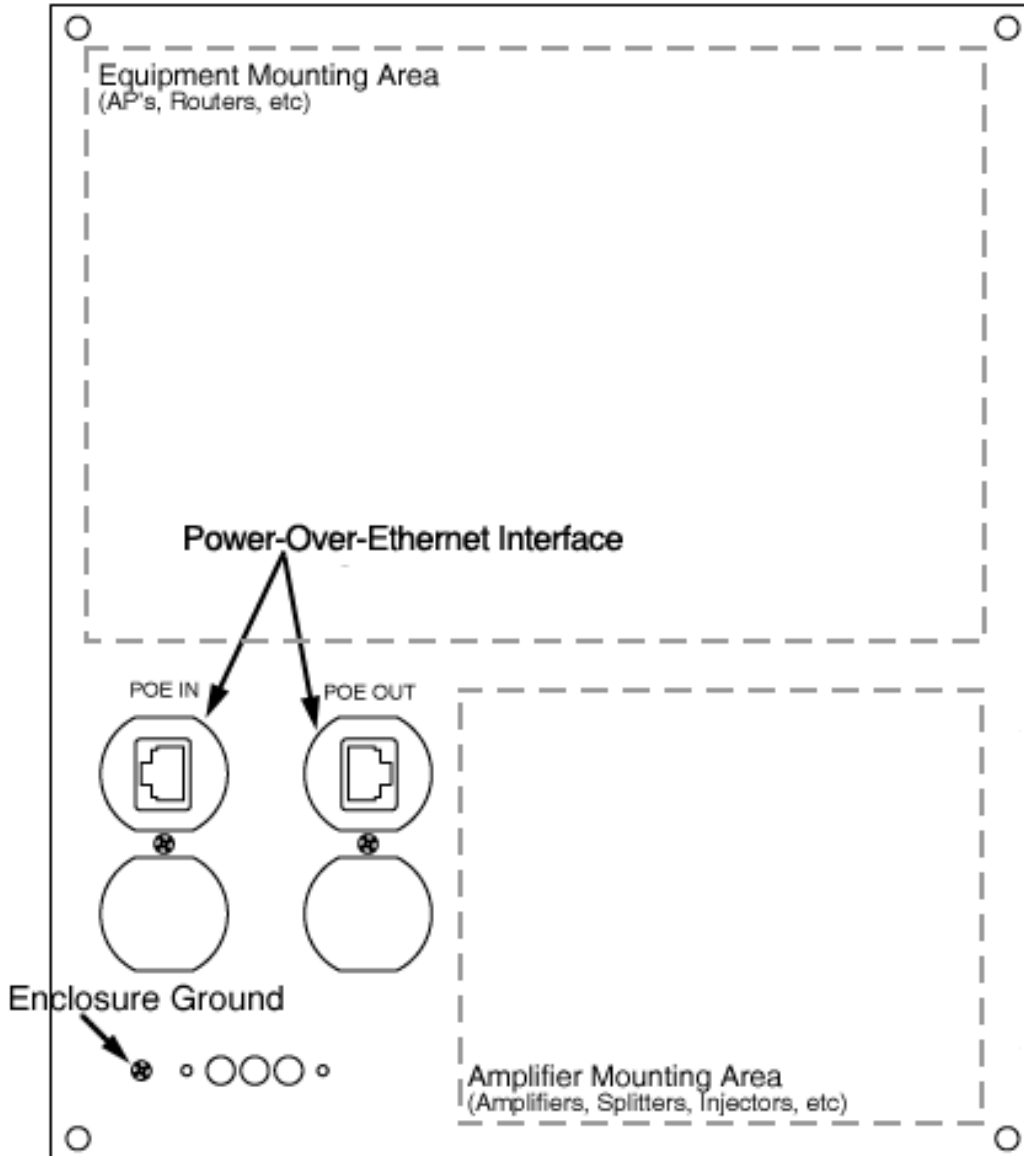
Model: NB141207-400

Enclosure Dimensions




Model: NB141207-400














Mounting Plate Details












Model: NB141207-400

Enclosure Accessories

| Mounting Brackets | |
|--|---|
| Part Number | Description |
|  HGX-PMT13 | Universal Pole Mounting Kit. This kit is used to mount NB141207 or NB181608 series weatherproof enclosure to 2" (50.8mm) to 4" (101.6mm) Dia. Poles. For larger diameter poles, slots are provided in the rails for 1/2" (12.7mm) wide worm drive clamps. Kit includes: (2) Mounting Rails and (2) U-Bolts and Hardware For poles 1-1/4" (31.7mm) to (50.8mm) dia. the HGX-PMT07 (2 required) can be used with this kit. |
|  HGX-PMT07 | U-Bolt Kit for mounting to 1-1/4" (31.7mm) to (50.8mm) dia. poles. For use with the HGX-PMT13. Kit includes (1) zinc plated steel U-Bolt and hardware. |
|  HGX-NPLATE01 | Blank Aluminum Mounting plate for use in the NB141207 NEMA enclosure. |
|  XMH-0007 | Mounting Plate Standoff, for use in the NB141207 NEMA enclosure. Standoff is 1" (25mm) tall with 10-32 tapped hole. |
|  HGX-NMOUNT03 | Universal Equipment Shelf. Mounts to pre-drilled NEMA plate. Includes (2) #6 Screws for securing shelf to mounting plate. Ideal for mounting free standing equipment such as Buffalo AirStations®, Cisco Aironet® 1100 Access Points, D-Link® and Linksys® wireless products as well as others. Shelf dimensions: 7.5" Wide x 2.9" Deep (190.5 mm x 73.6 mm) |
|  HGX-NMOUNT04 | Mounting Bracket Kit for use with dual Cisco Aironet® 1200 APs. This bracket enables two 1200 APs to be mounted in the enclosure. Includes mounting hardware. |
|  HGX-AMOUNT02 | Mounting bracket for HyperLink Amplifiers, PoE Products and Power Supplies. Mounts to pre-drilled NEMA plate. Hardware included. |
|  HGX-NMOUNT02 | Mounting bracket for Nortel Networks® 2230 / Airespace® 1200 Access Points. Mounts to pre-drilled NEMA plate. Hardware included. |
| DC Jumper Cables | |
|  CA-21R21RK002 | DC Jumper Cable: 2ft, 2.1mm to 2.1mm |
|  CA-21R25RK002 | DC Jumper Cable: 2ft, 2.1mm to 2.5mm |
|  CA-25R25RK002 | DC Jumper Cable: 2ft, 2.5mm to 2.5mm |
|  CA-21K006 | DC Jumper Cable: 6ft, 2.1mm to tinned end leads |
|  CA-25K006 | DC Jumper Cable: 6ft, 2.5mm to tinned end leads |



Model: NB141207-400

| Accessories | |
|---|--|
| Part Number | Description |
|  BT-CAT5-P1R4840 | HyperLink Reverse Polarity Single-Port Passive Injector Kit This Power-over-Ethernet injector is compatible with Cisco Aironet® 1100 and 1200 Series Access Points and other equipment supporting reverse polarity PoE pinouts. Kit includes Injector (BT-CAT5-P1R) and 48 VDC @ 40W power supply. |
|  BT-CAT5-P1-4840 | HyperLink Single-Port 48V Power-over-Ethernet Kit Kit includes PoE Passive Injector (BT-CAT5-P1) and 48 VDC @ 40W power supply. |
|  ASR-PG13 | PG-13.5 Liquid-Tight Cable Conduit Connector. For use with HyperLink weatherproof enclosures, this liquid-tight cable conduit connector features neoprene seals, nylon construction and can accommodate cord dia. sizes from 0.236" to 0.472". This is a direct replacement for the existing cable conduit connector. |
|  ASR-PG16 | PG-16 Liquid-Tight Cable Conduit Connector. This liquid-tight cable conduit connector features neoprene seals, nylon construction and can accommodate cord dia. sizes from 0.394" to 0.551". The ASR-PG16 will pass a RJ45 connector. |
|  H-PCB-5148 | Designed for use with HyperLink's HIC-4xx series Power-Over-Ethernet (PoE) Enclosures, this PoE Passive Interface Board provides an additional CAT5 interface with lightning protection. Attaches directly to existing aluminum mounting plate. |
|  XMH-0023 | Single Surface Mount CAT5 Jack Housing (TAN) |
|  XMH-0024 | Unshielded CAT5 Punch Down Jack For use with XMH-0023 Housing |



Model: NB141207-400

Additional Enclosure Models
Enclosure Sizes:

 12" x 10" x 5" (30.4 x 25.4 x 12.7 cm), Part Number **NB121005-xxx**

 14" x 12" x 7" (35.5 x 30.4 x 17.7 cm), Part Number **NB141207-xxx**

 18" x 16" x 8" (45.7 x 40.6 x 20.3 cm), Part Number **NB181608-xxx**

| Model Options | Enclosure with | Vented Enclosure with | Enclosure with Heat | Enclosure with Cooling Fan | Enclosure with Cooling Fan & Heat |
|------------------------------|---|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 110 VAC | NB141207-100 NBP141004-100 NB181608-100 | - | NB141207-1H0 NB181608-1H0 | NB141207-10F NB181608-10F | NB141207-1HF NB181608-1HF |
| Power-Over-Ethernet | NB141207-400 NB181608-400 | NB181608-40V | - | NB141207-40F NB181608-40F | - |
| 220 VAC | NB141207-200 NB181608-200 | NB181608-20V | NB141207-2H0 NB181608-2H0 | NB141207-20F NB181608-20F | NB141207-2HF NB181608-2HF |
| 220 VAC (European) | NB141207-E00 NB181608-E00 | NB181608-E0V | NB141207-EH0 NB181608-EH0 | NB141207-E0F NB181608-E0F | NB141207-EHF NB181608-EHF |
| 12 VDC | NB141207-500 NB181608-500 | NB181608-50V | - | NB141207-50F NB181608-50F | NB181608-5SF |
| Sub-Zero Applications | - | - | NB141207-4H0 | - | - |
| No Mounting Plate | NB141207 NB121005 NB181608 | - | - | - | - |
| Mounting Plate | NB141207-01 NB121005-01 NB181608-01 | NB141207-00V NB181608-00V | - | - | - |



Model: NB141207-400

Configuration Examples

