

18x16x8 Inch Weatherproof Enclosure with Mounting Plate, (PoE) Power-Over-Ethernet Interface and 48 VDC Cooling Fans - Model: NB181608-40F

Applications and Features

Features:

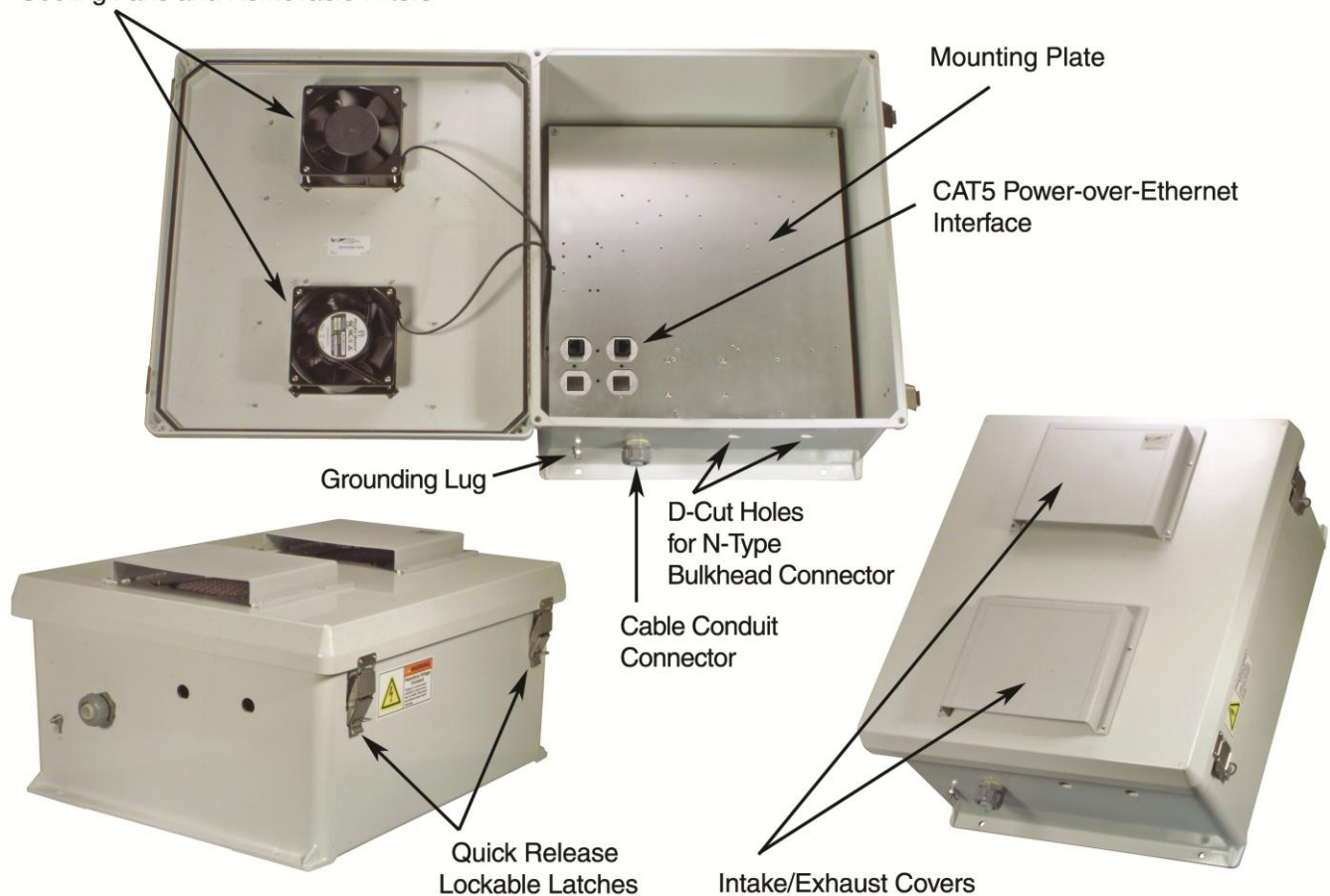
- Molded Fiberglass Reinforced Polyester (FRP) industrial Enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R, 3RX / IP24 rated
- Fully gasketed raised Vented lid with removable filters & integral mounting flange
- Features aluminum mounting plate with Power-Over-Ethernet (PoE) interface with CAT 5 Surge Protection & Thermostat Controlled Cooling System

Applications:



- Remote Wireless LAN WiFi equipment installations
- Rapid Deployment & Indoor/outdoor installations
- Corrosive environments
- Extreme temperature environments
- Protection of equipment from theft or damage

Cooling Fans and Removable Filters



Product Description

Start with the Box...

The box is a rugged 18" x 16" x 8" weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass, 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 box can also be pole mounted with the optional pole mounting hardware kit. The fully gasketed lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The enclosure material is UV stabilized and comes in machine tool gray. The enclosure also features holes for mounting Lightning Protectors or Connectors, a grounding lug and ½" cable conduit connector.

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 products 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 (Non 802.3af PoE compatible). 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-P1-4848 power supply and injector kit should be used. An optional PoE interface surge protector can be added to add protection for a second CAT5 cable.

Cooling Fans

The NB181608-40F model includes thermostat controlled 48 VDC Cooling Fans that are powered via the CAT5 PoE interface. The high airflow, low noise fans, featuring sealed ball bearings, evacuate heat from the top of the enclosure. Filters for both ports are easily removable for cleaning and replacement. The fans turns on when the internal temperature rises to 120° F (49° C) ±5° and turns off at 90° F (32° C) ±10°. An optional solid state thermostatic controller is available.

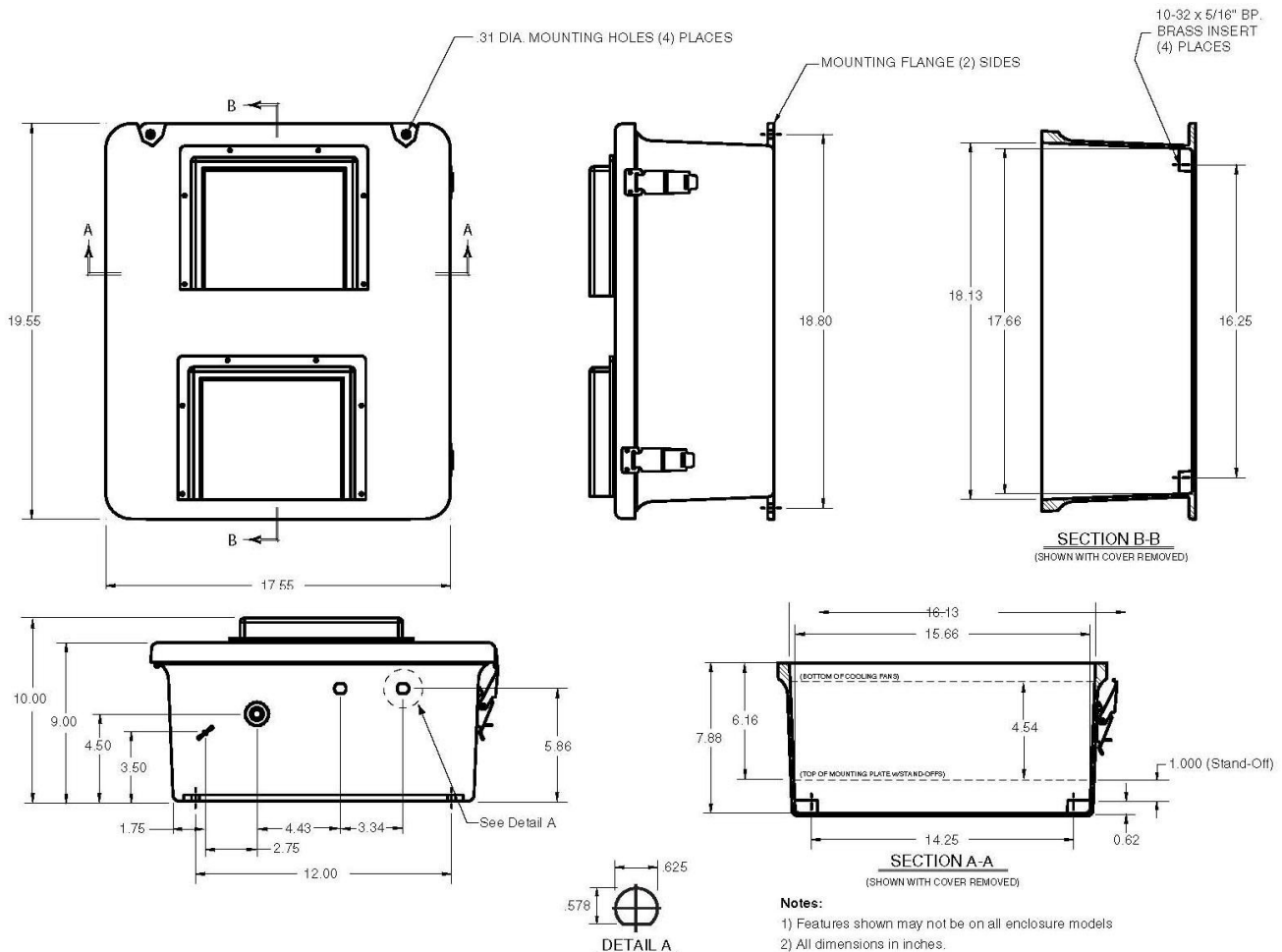
Lightning Protection

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.

Specifications

Enclosure Material	Fiberglass Reinforced Polyester
Enclosure Color	Machine Tool Gray
Mounting Plate Material	.10 in. (2.5mm) Thick Anodized Aluminum
Mounting Plate Dimensions	16.8 x 14.8 inches (42.6 x 37.5 cm)
Weight	20.3 lbs (9.2 kg)
Outside Dimensions (max)	19.5 x 17.5 x 10 inches (49.5 x 44.4 x 25.4 cm)
Inside Dimensions	17.7 x 15.7 x 8.5 inches (44.9 x 39.9 x 21.6 cm)
Flame Rating	UL 94-5V
Cable Feed	1/2" Cable Conduit Connector
RoHS Compliant	Yes
Ratings	NEMA Type 3R, 3RX / IP24

Enclosure Dimensions



Notes:
 1) Features shown may not be on all enclosure models
 2) All dimensions in inches.