

## 120 VAC 18x16x8 Inch Weatherproof Enclosure with Mounting Plate and Solid State Heat Controller - Model: NB181608-1H0S

### Applications and Features

**Features:**

- Molded Fiberglass Reinforced Polyester (FRP) industrial Enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4, 4X / IP66 rated
- Fully gasketed raised lid with & integral mounting flange
- Features aluminum mounting plate with surge protected duplex 120 VAC Outlets & Solid State Thermostat Controlled Heating System

**Application:**

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment Installations
- Corrosive environments & hotspot applications
- Protection of equipment from theft or damage



**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 1/2" cable conduit connector.



Due to the large size of this enclosure, it can accommodate dual sets of most access points. The example to the right shows one of the many ways the enclosure can be configured.

**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. The plate features four standard surge protected 120 VAC outlets and a terminal strip to supply power to internal equipment.

**Cold Environments**

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be maintained. With the built-in heating system, internal temperatures can be better maintained. This model is ideal in Cold environments.

The NB181608-1H0S includes Hyperlink's exclusive solid state temperature controller that utilizing twin 200W (400W total) heater modules. The controller features improved temperature set point accuracy and can be factory modified for other temperature set points. The heaters turn on when the internal temperature drops to 40° F (+4° C). The heater is controlled by an integral high current solid state AC relay. The relay features Zero Cross Detection for EMI reduction. No extra room for the controller is required since it is mounted underneath the plate. (A minimum order quantity is required for custom temperature set points and other configurations.).

**Lightning Protection**

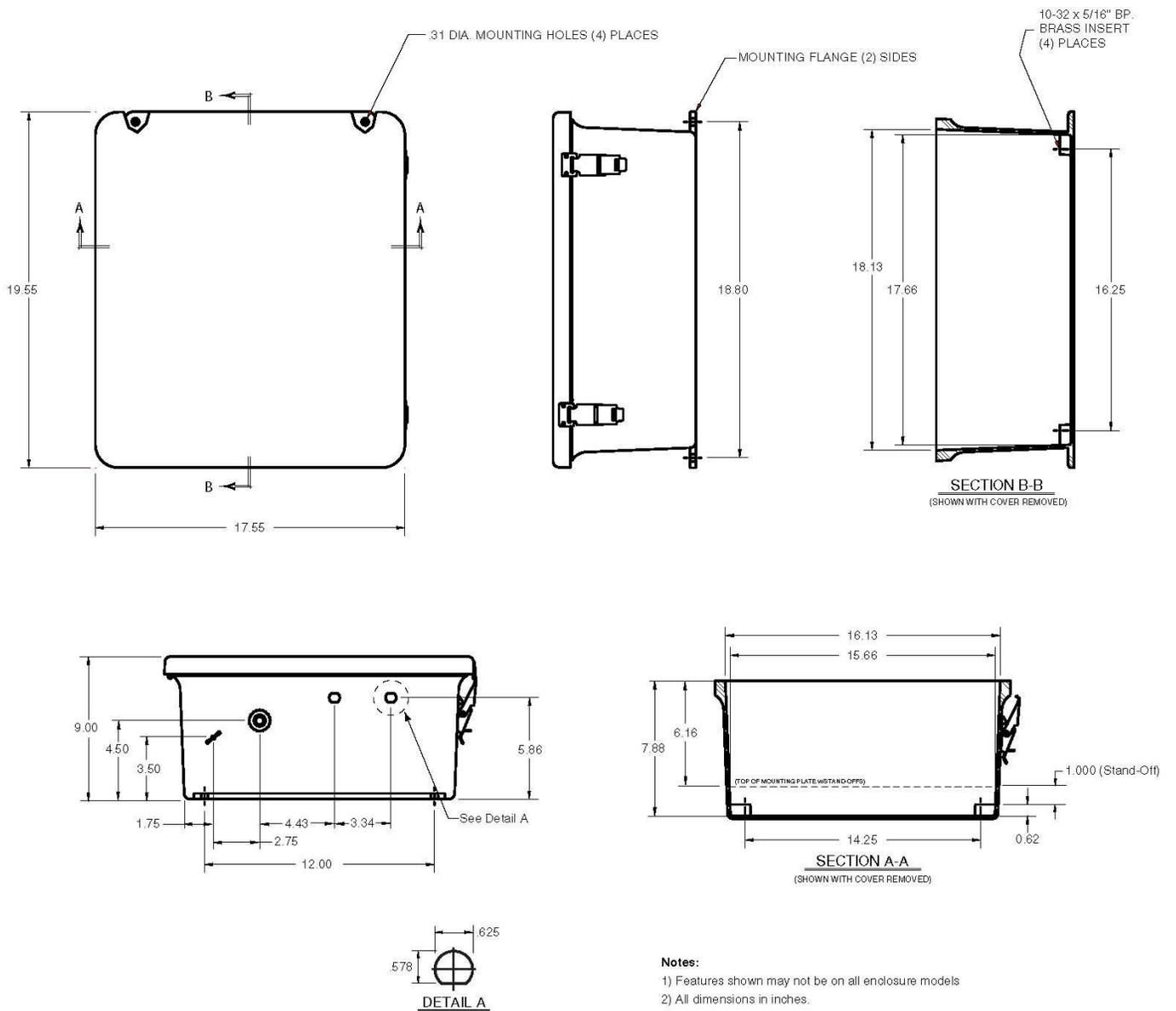
Surge protection is provided as a standard feature on the internal AC outlets. In addition, the unit can accept up to two optional bulkhead-mount N-Type lightning protectors to protect the coaxial cable runs. Mounted to the optional HGX-AMOUNT02 bracket, the HGLN-CAT5 lightning protector can be used with Power-over-Ethernet applications.

**Specifications**

<b>Enclosure Material</b>	Fiberglass Reinforced Polyester
<b>Enclosure Color</b>	Machine Tool Gray
<b>Voltage</b>	120 VAC
<b>Heater Power</b>	200 Watts each (400 Watts total)
<b>Mounting Plate Material</b>	.10 in. (2.5mm) Thick Anodized Aluminum
<b>Mounting Plate Dimensions</b>	16.8 x 14.8 inches (42.6 x 37.5 cm)
<b>Weight</b>	20.3 lbs (9.2 kg)
<b>Outside Dimensions (max)</b>	19.5 x 17.5 x 9 inches (49.5 x 44.4 x 22.8 cm)
<b>Inside Dimensions</b>	17.7 x 15.7 x 8.5 inches (44.9 x 39.9 x 21.6 cm)
<b>Flame Rating</b>	UL 94-5V
<b>RoHS Compliant</b>	Yes
<b>Cable Feed</b>	1/2" Cable Conduit Connector
<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.

**Enclosure Dimensions**



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

Mounting Plate Details

