18x16x10 UL Listed Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure Kit, bundled w/ Aluminum Blank Mount Plate Dark Gray

NEMA Enclosures Technical Data Sheet   NBPC181610-KIT

Features

- UL® Listed High-Impact, UV Resistant Polycarbonate (Dark Gray)
- Stainless steel latches with padlock eye
- NEMA Type 4X / IP66* rated (includes (4x) optional lid corner screws**)
- Fully gasketed lid & user installed wall mounting brackets
- Includes blank aluminum mounting plate (uninstalled & kitted with the enclosure)

Applications

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

Description

The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from High-Impact, UV Resistant Polycarbonate material that provides superior durability to impacts and ease of modification while maintaining minimum weight. It is well suited for high temperature or corrosive environments. The included wall mount brackets come uninstalled and bagged with their hardware inside of the enclosure. Once the brackets are installed the enclosure can be mounted directly to any flat wall surface provided proper screws are used into secure studs. The brackets, once installed, also allow you to use our HGX-PMT pole mount kits. The lid features a non-metallic hinge system that allows for quick removal & can be reattached just as quickly without the need for any tools. The enclosure comes with a pair of stainless-steel latches with padlock eyes allowing you to secure the enclosure from tampering. The enclosure comes in a Dark Gray (Pantone 422C)

This kit is ideal for custom applications, which may require special modifications to the enclosure and mounting plate.

Mounting Plate

The 0.10 inch thick blank aluminum mounting plate included with the NBPC181610-KIT comes uninstalled and kitted with the enclosure so that you can modify or install as needed.

The HGX-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include HGX-PMT13, HGX-PMT16, HGX-PMT28, HGX-PMT29, HGX-PMT30 & HGX-PMT33

*Note: Any holes or openings you might introduce must be properly sealed to maintain NEMA Type 4X / IP66 rating

**Note: If all four of the optional lid screws are installed the enclosure can achieve NEMA 6P / IP68 however any holes or openings you may have added would have to be properly sealed with an IP68 rated plug, gland or coupler.

Size

Outer Height	18.9 in	[480.06 mm]
Outer Width	16.8 in	[426.72 mm]
Outer Depth	11.3 in	[287.02 mm]
Inner Height	18.2 in	[462.28 mm]
Inner Width	16.2 in	[411.48 mm]
Inner Depth	9.7 in	[246.38 mm]
Weight	17.3 lbs	[7.85 kg]
Enclosure Material	Polycarbonate	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 18x16x10 UL Listed Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure Kit, bundled w/Aluminum Blank Mount Plate Dark Gray NBPC181610-KIT

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Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	4X
Ingress Protection (IP) Rating	IP66

Compliance Certifications

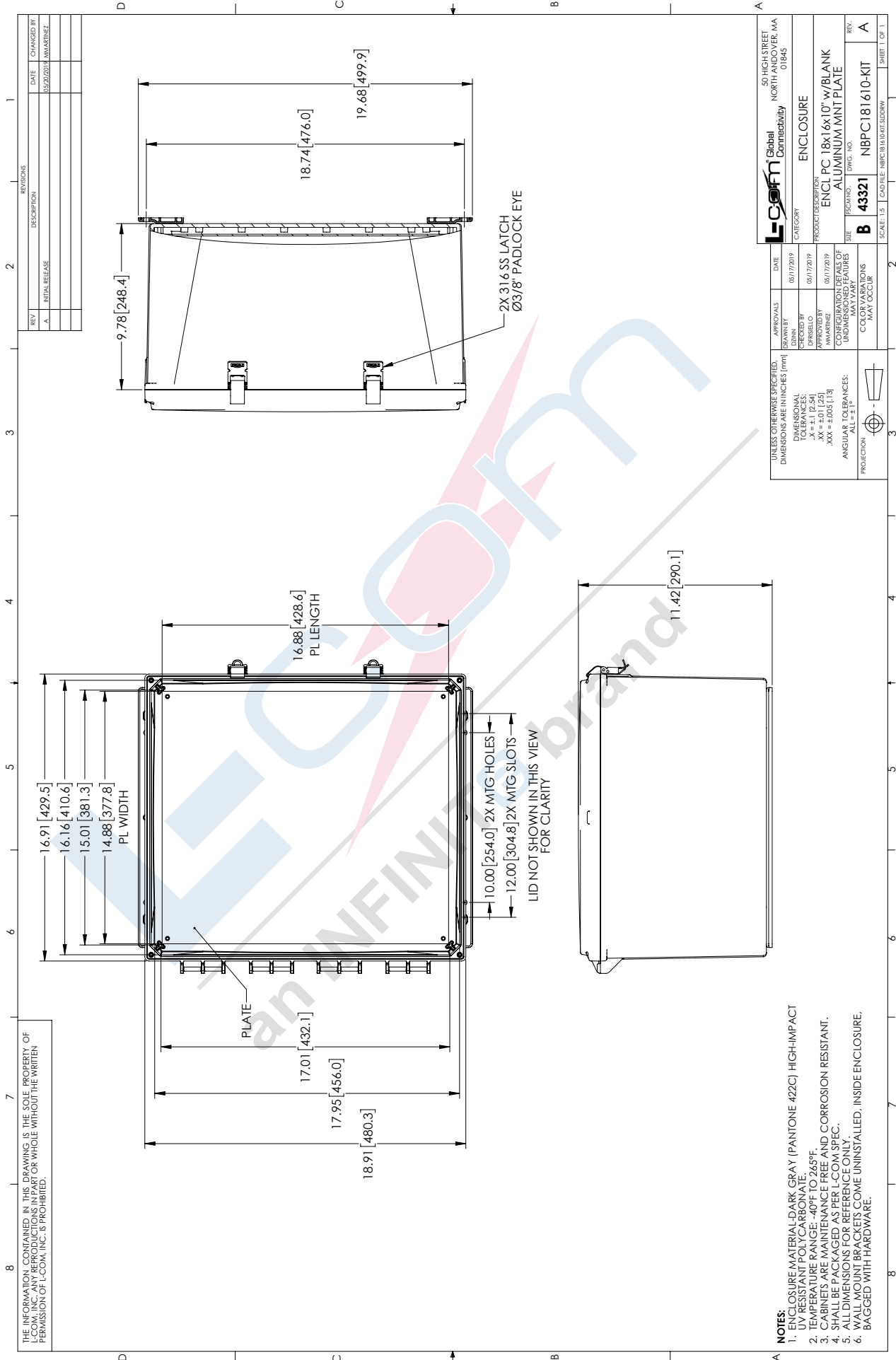|	
UL Listed	E508536

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 18x16x10 UL Listed Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure Kit, bundled w/Aluminum Blank Mount Plate Dark Gray NBPC181610-KIT

URL: https://www.l-com.com/nema-enclosures-18x16x10-ul-listed-polycarbonate-weatherproof-nema-4x-enclosure-w-aluminum-mounting-plate-dk-gry-p.aspx

19.68 [499.9]

18.74 [476.0]

9.78 [248.4]

2X 316 SS LATCH
Ø3/8" PADLOCK EYE

16.88 [428.6]
PL LENGTH

16.91 [429.5]
16.16 [410.6]
15.01 [381.3]
14.88 [377.8]
PL WIDTH

10.00 [254.0] 2X MTG HOLES
12.00 [304.8] 2X MTG SLOTS

LID NOT SHOWN IN THIS VIEW
FOR CLARITY

PLATE

17.01 [432.1]

17.95 [456.0]

18.91 [480.3]

11.42 [290.1]

REVISIONS

REV	DESCRIPTION	DATE	CHANGED BY
A	INITIAL RELEASE	05/20/2019	M.MARTINEZ

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L-COM, INC. ANY REPRODUCTIONS IN PART OR WHOLE WITHOUT THE WRITTEN
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NOTES:
1. ENCLOSURE MATERIAL-DARK GRAY (PANTONE 422C) HIGH-IMPACT
   UV RESISTANT POLYCARBONATE.
2. TEMPERATURE RANGE: -40°F TO 265°F.
3. CABINETS ARE MAINTENANCE FREE AND CORROSION RESISTANT.
4. SHALL BE PACKAGED AS PER L-COM SPEC.
5. ALL DIMENSIONS FOR REFERENCE ONLY.
6. WALL MOUNT BRACKETS COME UNINSTALLED, INSIDE ENCLOSURE,
   BAGGED WITH HARDWARE.

L-com Global Connectivity
50 HIGH STREET
NORTH ANDOVER, MA
01845

CATEGORY: ENCLOSURE
PRODUCT DESCRIPTION: ENCL PC 18x16x10" w/BLANK ALUMINUM MNT PLATE

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES [mm]
DIMENSIONAL TOLERANCES:
.X = ±.1 [2.54]
.XX = ±.01 [.25]
.XXX = ±.005 [.13]
ANGULAR TOLERANCES:
ALL ± 1°

APPROVALS		DATE
DRAWN BY	D.ZININ	05/17/2019
CHECKED BY	D.FRISIELLO	05/17/2019
APPROVED BY	M.MARTINEZ	05/17/2019

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY
COLOR VARIATIONS MAY OCCUR

PROJECTION

SIZE B
FSC/NO.
DWG. NO. NBPC181610-KIT
REV. A
43321
CAD FILE: NBPC181610-KIT-SEDSRW
SCALE 1:5
SHEET 1 OF 1

NBPC181610-KIT REV 1.2