NP171409WX-AIM

NP171409WY-AIM

Features

- Heavy duty tilt-n-swivel mounting bracket to precisely aim the enclosure
- Transparent polycarbonate window in lid provides visibility to installed equipment while enclosure is closed
- (2) Window orientations available - horizontal or vertical
- Available with aluminum or PVC equipment mounting plates
- Durable Polycarbonate + ABS construction, weatherproof and UV stable
- Meets NEMA 1, 2, 4, 4X, 12, 13 and IEC 529 IP65, IP66
- Extra deep gasketed lid with dual stainless steel latches
- Tamper-Proof locking screw with key and provision for padlock
- Enclosure can be wall, ceiling or pole mounted
- RF transparent for wireless devices
- Includes (2) locking keys, cable grommets, cable glands, zip ties, hook-n-loop tape and wall mounting hardware

Description

The **Altelix Aimable NEMA 4X Windowed Enclosure** is designed to allow you to aim your WiFi, RFID or camera equipment. This rugged weatherproof directional windowed enclosure can withstand the harshest environments and provides a way to securely deploy your equipment. With the generous size of this enclosure the NP171409W-AIM can accommodate a wide range of equipment.

Aimable Enclosure - This enclosure features a heavy duty cast aluminum tilt-n-swivel mounting bracket attached to the rear of the enclosure. This bracket is designed to articulate in both vertical and horizontal planes which allows for precise adjustment and aiming of the enclosure to provide optimum wireless coverage for wireless equipment or the aiming of installed camera equipment. This tilt-n-swivel bracket is designed for both wall and pole/mast mounting. It can be mounted to pole and masts ranging from 1-3 inches in diameter. Using the optional adjustable stainless steel bands available from Altelix, it can be mounted to poles up to 13 inches in diameter.

Polycarbonate Viewing Window - This enclosure features a 4x6 inch viewing window installed in the lid which allows visibility to installed equipment while the enclosure lid is close. The operational status of installed equipment can easily be confirmed since indicator lights can be viewed without opening the enclosure. This enclosure is also ideal for protecting security cameras from theft or damage. Constructed from transparent polycarbonate, this viewing window is UV resistant and will not yellow. A silicone gasket ensures the enclosure meets its NEMA 4X rating. This enclosure can be purchased with one of two viewing window orientations, **horizontal** and **vertical**.

Equipment Mounting Options - This enclosure provides multiple ways to install equipment. Raised bosses located in the base of this enclosure can be used to mount an equipment plate. These same bosses can also be used to install Altelix's 35mm Top Hat DIN Rail kits (sold separately). Up to (5) DIN Rail kits can be installed into the enclosure base. A large flat section in the base is also provided for use with the hook-n-loop tape included in the accessory kit.
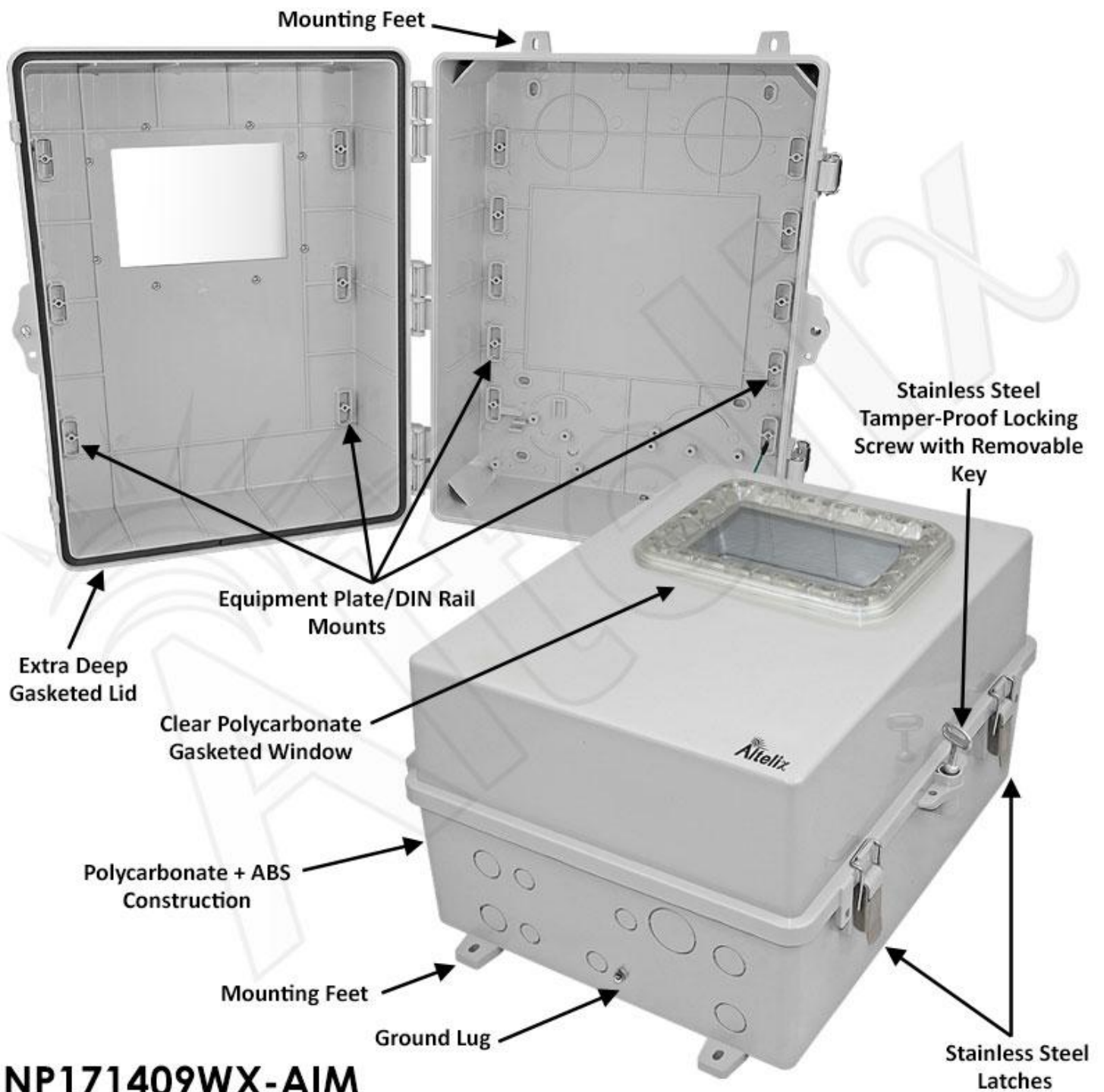
In addition to the raised bosses this enclosure can be purchased with either an **Aluminum** or **Non-Metallic PVC** equipment mounting plates. The aluminum equipment mounting plate can be easily drilled and modified by the installer. Ideal for wireless applications, the RF transparent PVC equipment mounting plate features a No-Drill design. Mounting radios and other equipment can be easily done simply by using self-tapping screws.

Secure Your Equipment - These NP series enclosures feature dual stainless steel quick release latches. A stainless steel security screw with keys and a provision for a padlock are also provided.

Polycarbonate + ABS Protection Built to Last - This enclosure is molded out of UV resistant Polycarbonate + ABS, an industrial grade plastic with greater strength and durability than standard ABS. This enclosure can be easily drilled and modified by the installer to suit unique site requirements It meets or exceeds NEMA 1, 2, 4, 4X, 12, 13 and IEC 529 IP65, IP66.

Complete with Cable Grommets and Wire Management Accessories - This enclosure includes an assortment of cable grommets and cable glands that can be installed in the knock-out holes for a weather resistant seal. Also included in the accessory kit are wall anchors, zip ties, wire management loops, hook-n-loop tape, ground wire, (2) door locking keys and more.

Product Photos

Mounting Feet

Stainless Steel
Tamper-Proof Locking
Screw with Removable
Key

Equipment Plate/DIN Rail
Mounts

Extra Deep
Gasketed Lid

Clear Polycarbonate
Gasketed Window

Polycarbonate + ABS
Construction

Mounting Feet

Ground Lug

Stainless Steel
Latches

NP171409WX-AIM

Altelix

Product Photos – Equipment Mounting Plate Options

NP171409WX-AIM

NP171409WXM-AIM
w/Non-Metallic No-Drill PVC Equipment
Mounting Plate

NP171409WXP-AIM
w/Aluminum Equipment Mounting Plate

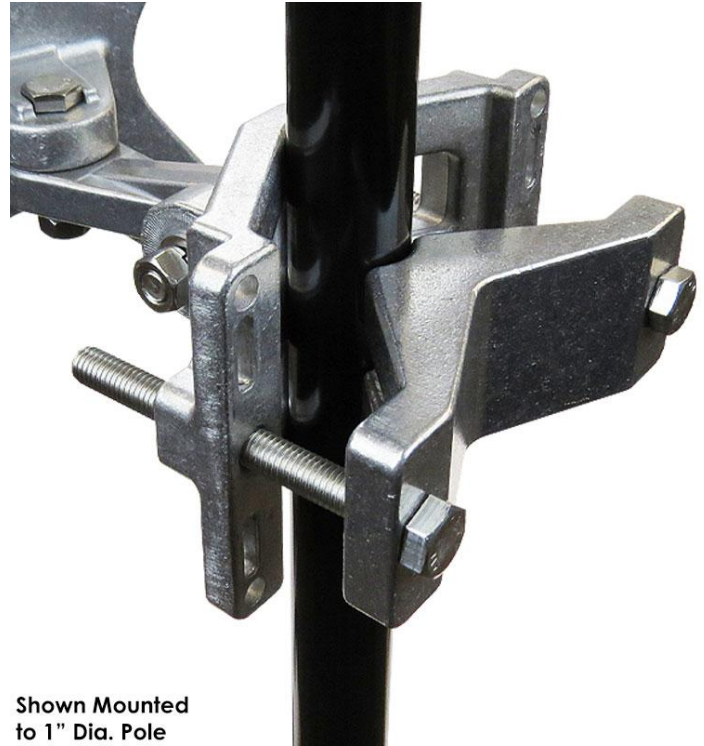# Product Photos – Window Options

NP171409WX-AIM

NP171409WY-AIM

Product Photos
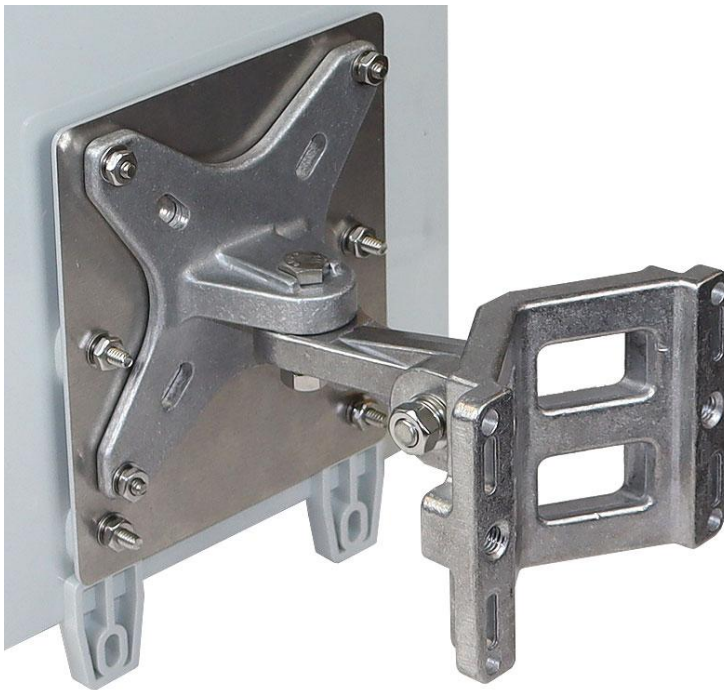
![Altelix logo]

Product Photos

Shown Mounted
to 3" Dia. Pole

Shown Mounted
to 1" Dia. Pole

Wall Mounting Configuration

(Enclosure not shown for clarity)

Shown Mounted to 7" Dia. Pole
with Optional Adjustable Bands

Specifications

Material	PC+ABS Polycarbonate / ABS Blend
Color	Gray
Outer Dimensions	17.1 x 13.6 x 9.9 Inches (435 x 347 x 252 mm)
Inner Dimensions	11.8 x 9 x 7.9 inches (299 x 228 x 200 mm)
Weight with Tilt Bracket	6.9 lbs. (3.1 kg)
Mounting Bracket Material	Die-Cast Aluminum
Pole Mounting Diameter Size	1 to 3 in. Dia. (25.4 to 76.2 mm)
Ratings	Meets NEMA 1, 2, 4, 4X, 12, 13, and IP65, IP66
Flame Rating	Meets UL94-V0
Industry Certifications	CE
Knock-Out Sizes	(4) 0.62 in. (16 mm) (4) 1.02 in. (26 mm) (1) 1.30 in. (33 mm)

Optional PVC Equipment Mounting Plate	
Mounting Plate Material	0.40 in. (10 mm) PVC
Mounting Plate Size	14.5 x 10.6 in. (368 x 269 mm)

Optional Aluminum Equipment Mounting Plate	
Mounting Plate Material	0.06 in. (1.5 mm) Aluminum
Mounting Plate Size	14.5 x 10.6 in. (368 x 269 mm)