

Instruction Sheet



NEMA6 Outdoor Enclosure Die Cast Aluminum

Step 1: Determine which holes will be required and then with the enclosure supported on the edge of a sturdy bench, use a flat blade screwdriver and a hammer to remove the necessary knockouts. Strike the hole at the edge farthest away from the opening of the enclosure. If the top hole is required (ie; for an omnidirectional antenna mounting), remove the plastic plug before removing the knockout. Note: The back hole is designed for those cases where the enclosure needs to be mounted directly to the back of an antenna or where an invisible connection needs to be made thru a wall.

Step 2: Clean up any undesirable flash in the hole with a round file.

Step 3: The enclosure has 4 8-32 threaded standoffs in the bottom and an included customer installation plate. Customer should mount his electronics to this plate.

Step 4: The standard enclosure cover is attached with Qty 8 8-32 screws. Install the cover and fully tighten the screws.

Step 4.1: If using the Hinged Die Cast Cover Option or Integrated Antenna Cover Option, place cover hinges thru the slots of the gasket plate then attach the cover assembly to the die cast enclosure using 8 screws. Close cover and tighten using single cover screw. When opening the cover, it may sometimes bind on the hinges. Just lift up on the cover, moving it slightly away from the gasket plate and it will unbind. Do not force the cover or damage to the gasket plate and/or cover may occur. There are two holes near the closure screw that can be used for anti-tamper device such as twisted wire or padlock.

Integrated Antenna Options

- 2400-2700MHz 12dBi VPOL, BW=35deg, VSWR<1.5
- 4940-5850MHz 19dBi VPOL, BW=15deg, VSWR<1.5
- 2400-2485, 4940-5850MHz Dual Band 12/15dBi VPOL, BW 43/22deg, VSWR<1.5
- 2300-2700MHz 14 dBi VPOL, BW=33deg, VSWR<2.0
- 3300-3800MHz 16 dBi VPOL, BW=33deg, VSWR<1.7

Specifications

Knockouts (Qty 7)	Qty 2 0.810" Diameter Qty 5 0.625" Diameter
Knockout Locations	Qty 3 on bottom, Qty 2 on Right Side, Qty 1 on Top and Qty 1 in Back
Internal Standoffs (Qty 4)	8-32 Tapping, 6.5" x 5.5" centers, 0.25" height
Useable Interior Space	7.125" x 6.125" x 2" (181 x 156 x 51mm)
Mounting	1" to 2" pole using included bracket kit, or wall mount using user supplied screws
Cover Seal	High Performance EPDM Gasket
Solar Heat Rise	Internal Temperature ≤ 4 deg C above External Ambient
Overall Size (L x W x H)	10" x 7.1" x 2.25" (254 x 180 x 57mm)
Weight	40oz (1.13kg)



Remove Knockout



Hinged Cover Assy



Die Cast Hinged Cover
Or Integrated Antenna



Standard Cover
Pole Mount

Notes:

1. Security screws, such as torx head screws, can be used if it's desired that the cover be removed only by qualified personnel.
2. Grounding is normally accomplished thru the pole attach. If wall mounting, the installer should make sure there is a ground wire running from one of the lag bolts to an earth ground. Some paint may need to be scraped from the flange area to affect a strong ground.
3. Any feed thru connections like bulkhead connectors or RJ45 feed thru's should be gasketed so that they are weatherproof.
4. Pacific Wireless offers a line of accessories like cable assemblies, POE adapters and RJ45 field replaceable connectors to lower the installation cost of the enclosures.

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