

Instruction Sheet



10" x 10" DCE 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. 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 enclosure can be mounted to a wall using lag bolts or masonry screws. It can also be attached to a pole using the included pole clamps and U-bolts or tilt bracket. When attaching to a pole always make sure the pole clamp is between the enclosure and the pole as shown in the picture. This prevents stress on the flange which could lead to cracking.



Remove Knockout



Die Cast Hinged Cover
Or Integrated Antenna

Integrated Antenna Options

- 902-928 MHz, 8.5 dBi, VSWR<1.5
- 2400-2700 MHz, 16 dBi, VSWR<1.5

Integrated Antenna Options

- 902-928 MHz, 12 dBi, VSWR<1.5
- 2400-2700 MHz, 20 dBi, VSWR<1.5
- 4940-5850 MHz, 25 dBi VSWR<1.5



Hinged Cover Assy



Standard Cover
Pole Mount

Specifications

Knockouts (Qty 11)	Qty 3 0.810" Diameter hole Qty 8 0.625" Diameter hole, Double D
Knockout Locations	Qty 5 on bottom, Qty 3 on Right Side, Qty 2 on Top and Qty 1 in Back
Internal Standoffs (Qty 4)	8-32 Tapping, 8" x 8" centers, 0.25" height
Useable Interior Space	10" x 10" 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)	12.5" x 10.4" x 3.6" (254 x 180 x 57mm)
Weight	5.75 lb. (2.6 kg)

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.