



Model 1028-08-ANT5-B Aluminum NEMA4 AP Enclosure:8" deep Recessed

Category: Suspended Ceiling Zone and A/V Enclosures



Hard lid ceiling enclosure protects critical wireless access points, DAS remote units, and public safety equipment with detachable antennas. This water- and dust-proof steel enclosure has knockouts in the hinged door for ceiling-mounted antennas or water-resistant bulkhead connectors for antennas. Deep enough for the Cisco 3600 series and other large APs and DAS remote access units with external connectors and up to five antennas. Plenum-rated; provides NEMA 4 dust and water protection.



Features & Benefits

- Universal T-bar mounting bracket allows easy installation of most vendors' access points
- Durable, attractive textured powder coat finish matches most ceiling tiles
- Holes and plugs in cover and back-box for field installed, external, body mount antennas or bulkhead connectors; see Accessories
- Fully-hinged door clamps to the back-box with keyed quarter turn latch for a watertight seal
- Enclosure back-box is an effective dust barrier to simplify ICRA procedure compliance in Hospitals

Technical Specifications

- Design: Hard lid, recessed, ceiling enclosure protects critical wireless access points, DAS remote units, and public safety equipment with detachable antennas. This water- and dust-proof steel enclosure has knockouts in the hinged door for ceiling-mounted antennas or water-resistant bulkhead connectors for antennas.
- Configuration: Model 1028-04-ANT5-B: 4.5 inches (114 mm) deep, door with 5 openings and plugs for antennas
- Configuration: Model 1028-08-ANT5-B: 9.1 inches (231 mm) deep, door with 5 openings and plugs for antennas
- Performance: Designed to NEMA 1, 2, 3R, 4, 5, 12, 12k, and IEC529-IP66 specifications for indoor/outdoor wet, dirty, or corrosive environments. UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air-handling space. OSHPD approved.
- Fully-hinged door clamps to the back-box with keyed quarter turn latch for a watertight seal; door has mounting features for up to 5 antennas
- Holes and plugs in cover and back-box for field installed, external, body mount antennas or bulkhead connectors
- Includes internal universal mounting panel, T-bar bracket, hole plugs, and hanger wire
- Construction: White, 12 ga. powder-coated aluminum back-box and door, white, 18 ga. powder-coated steel bezel
- Enclosure shall be supported by the building ceiling structural system, not tile grid work
- Maximum weight inside enclosure is 25 lbs.
- AP max. operating temperature should be de-rated by 6° C inside the enclosure
- Size: Bezel is 20.1 inches by 20.1 inches (510 mm by 510 mm); enclosure is 15.75 inches by 13.9 inches by 4.5 or 9.1 inches deep (400 mm by 353 mm by 114 mm or 231 deep)

Standards for Safety

- Recessed hard lid ceiling enclosure meets NEMA 1, 2, 3R, 4, 5, 12, 12k and IP66 for protection of critical wireless, networking, and public safety equipment in ceiling spaces
- UL Listed and designed to meet National Electric Code paragraph 300-22(C) and 300-23 for use in the above-ceiling (plenum) space

Configurations

Model Number	Back-Box	Flange
Model 1028-04-ANT5-B	15.75" x 13.9" x 4.5" deep back-box	20.1" beveled flange for hard ceilings and walls
Model 1028-04-ANT5-F	15.75" x 13.9" x 4.5" deep back-box	23.75" flange fits standard (U.S.) 2' x 2' ceiling grid
Model 1028-08-ANT5-B	15.75" x 13.9" x 9.1" deep back-box	20.1" beveled flange for hard ceilings and walls
Model 1028-08-ANT5-F	15.75" x 13.9" x 9.1" deep back-box	23.75" flange fits standard (U.S.) 2' x 2' ceiling grid

Measurements *(Maximum values):*

- Height: 20.1 in. (15.75 in.)
- Width: 20.1 in. (13.9 in.)
- Depth: 9.1 in.
- Item Weight: 15 lbs.
- Shipping Weight: 22 lbs.


Includes


- (1) Unit
- (1) Internal universal equipment mounting panel and T-bar bracket
- (8) Hanger wires
- (4) Screw caps (-B units only)
- (4) Self-tapping screws
- (4) #8 Hex nuts
- (4) 1/2" Trade size hole plugs
- (3) 1" Trade size hole plugs
- (4) Hinged snap cap
- (4) #8 pan head screw
- Installation instructions

Available Accessories

- [34-BMANT24](#) - 2.4 GHz Single Band WiFi Antenna: NEMA4 Enclosures
- [34-BMANT5](#) - 5 GHz Single Band WiFi Antenna: NEMA4 Enclosures
- [34-DMDUAL](#) - Dual Band WiFi Antenna: NEMA4 Enclosures
- [39-CORD-GRIP](#) - Cable ingress/egress fitting
- Gasket material for external antenna

Documentation Links

 [Spec Sheet](http://oberoninc.com/index.php?option=com_content&view=article&id=1292&Itemid=399) - oberoninc.com/index.php?option=com_content&view=article&id=1292&Itemid=399

 [Installation Instructions](http://oberoninc.com/images/WebDocs/Model1028-08-ANT5-B_Installation_Instructions.pdf) - oberoninc.com/images/WebDocs/Model1028-08-ANT5-B_Installation_Instructions.pdf

 [Customer Prints](http://oberoninc.com/images/WebDocs/Model1028-08-ANT5-B_Customer_Print.pdf) - oberoninc.com/images/WebDocs/Model1028-08-ANT5-B_Customer_Print.pdf

 [OSHPOD OPM Drawing](http://oberoninc.com/images/WebDocs/Oberon_OPM.pdf) - http://oberoninc.com/images/WebDocs/Oberon_OPM.pdf

 [SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS](http://oberoninc.com/images/WebDocs/SECTION_27_21_33_DATA_COMMUNICATIONS_WIRELESS_ACCESS_POINTS.pdf) -

[http://oberoninc.com/images/WebDocs/SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS.pdf](http://oberoninc.com/images/WebDocs/SECTION_27_21_33_DATA_COMMUNICATIONS_WIRELESS_ACCESS_POINTS.pdf)

 [Model Viewer available at oberoninc.com](http://oberoninc.com)

Images and documents may depict similar models in the product series.

Dimensional Images

