



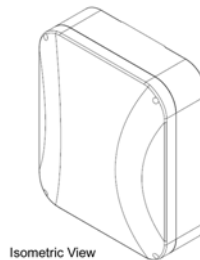
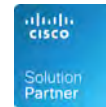
Model 1020-RAB

NEMA 4 WAP Enclosure: Screw-on cover, Right-angle

Category: Indoor/Outdoor NEMA



1020-RAB is a compact indoor/outdoor NEMA 4 enclosure that protects WAPs in challenging environments, and mounts the equipment in a horizontal orientation to achieve best wireless coverage. This rugged polycarbonate enclosure protects the WAP from weather, pressure spray, spilling liquids, dust, and impacts, and is transparent to wireless signals so WAPs with body-integrated antennas or small detachable antennas may be protected. This plastic is paintable for more effective concealment.



Features & Benefits

- Compact, rugged enclosure for installing WAPs in challenging environments; right angle bracket (RAB) included for wall mounting
- Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP65 specifications for use in indoor/outdoor wet, dirty, or corrosive environments; UV stabilized for exposure to direct sunlight
- Virtually transparent to wireless signals
- Plastic is easily drilled and machined for custom cable ingress and installation; enclosure is paintable
- Cover attaches with four stainless steel screws; silicon gasket material provides seal

Technical Specifications

- Design: Rugged polycarbonate NEMA wireless access point enclosure designed for surface mounting indoors or outdoors. Includes right-angle bracket for mounting enclosure in preferred horizontal orientation on wall.
- Performance: Designed to NEMA 1, 2, 4, 4X, 12, and 13, and IEC529-IP66 specifications for indoor/outdoor wet, dirty, or corrosive environments. UV-stabilized for exposure to direct sunlight. Transparent to wireless signals. Paintable.
- Exterior 10ga steel right-angle mounting bracket; grey powder-coated
- Oberon Skybar-shaped screw on cover with gasket; cover screws must be torqued to 8in-lbs.; cover screws are recessed into cover
- Internal universal T-bar bracket
- Construction: UL listed to UL508; body and cover are light gray UL94-V0 PBT/PC blended plastic
- AP max. operating temperature should be de-rated by 11° C inside the enclosure
- Exterior Size: 9.1 inches by 13.4 inches by 4 inches (340mm by 231mm by 102mm Interior dimensions 8.8 inches by 10.5 inches by 3.7 inches (224 mm by 267 mm by 95 mm)

Configurations

Please specify configuration when ordering.

| Model Number | Description |
|--------------|--|
| 1020-00 | Polycarbonate NEMA 4 WAP Enclosure: Screw-on cover |
| 1020-RAB | NEMA 4 WAP Enclosure: Screw-on cover, Right-angle |

Measurements *(Maximum values):*

- Height: 11.3 in.
- Width: 9.06 in.
- Depth: 4.00 in.
- Item Weight: 5 lbs.
- Shipping Weight: 6 lbs.

Includes

- (1) Unit
- (1) Universal T-bar bracket
- (1) T-bar spacer kit
- (1) Right-angle enclosure bracket
- Installation instructions

Available Accessories

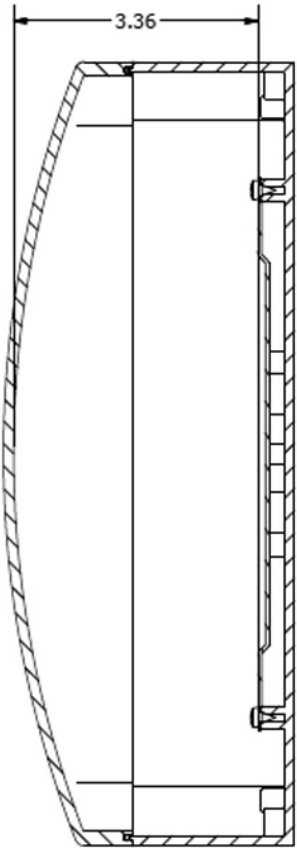
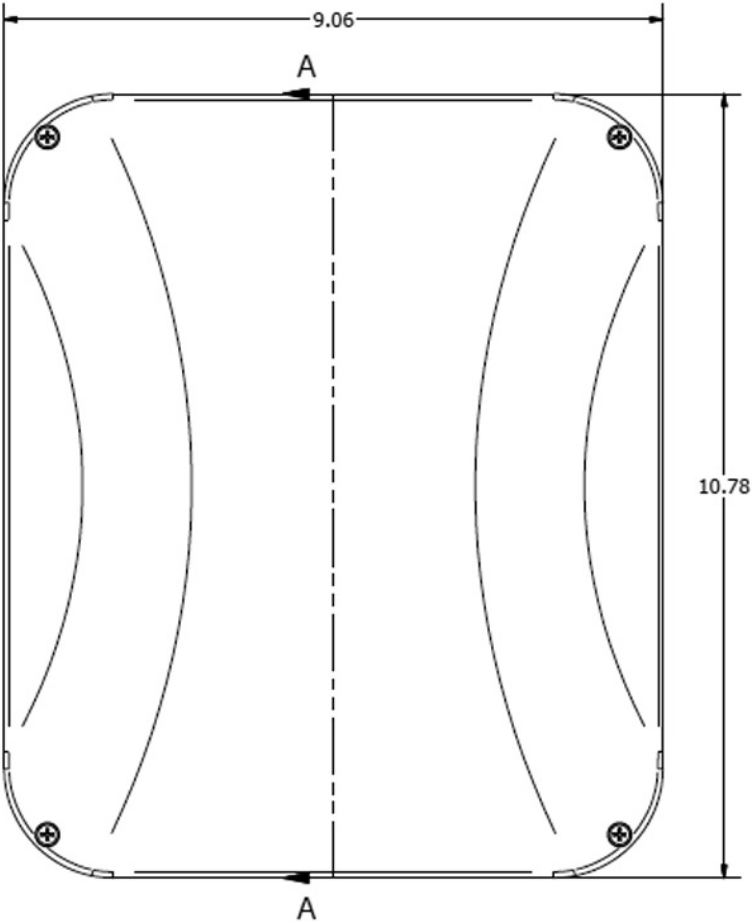
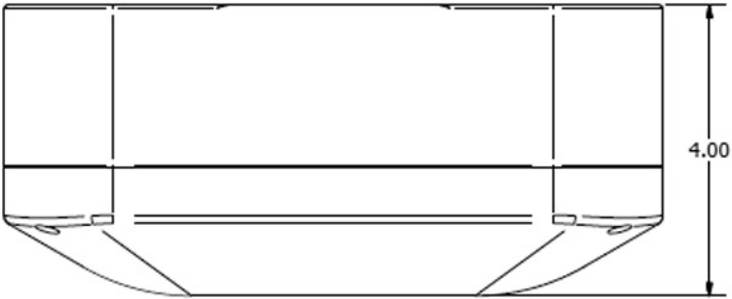
- P/N 35-CBXJ2WH: A surface mount modular receptacle to terminate horizontal cable in the enclosure
- P/N 35-CORD-KIT: Cord Grip Connector
- P/N 35-RJ45-KIT: Watertight RJ-45 Bulkhead Connector

Documentation Links

-  [Spec Sheet](http://oberoninc.com/index.php?option=com_content&view=article&id=1517&Itemid=399) - oberoninc.com/index.php?option=com_content&view=article&id=1517&Itemid=399
-  [Installation Instructions](http://oberoninc.com/images/WebDocs/Model1020-RAB_Installation_Instructions.pdf) - oberoninc.com/images/WebDocs/Model1020-RAB_Installation_Instructions.pdf
-  [Customer Prints](http://oberoninc.com/images/WebDocs/Model1020-RAB_Customer_Print.pdf) - oberoninc.com/images/WebDocs/Model1020-RAB_Customer_Print.pdf
-  [App Note - Wireless Coverage FAQ](http://oberoninc.com/images/WebDocs/Model1025-00_coverage_FAQ.pdf) - oberoninc.com/images/WebDocs/Model1025-00_coverage_FAQ.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)

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

Dimensional Images



SECTION A-A
SCALE 1 : 1.75