



## Model 1020-00

### Polycarbonate NEMA 4 AP Enclosure: Screw-on cover

Category: Indoor/Outdoor NEMA



This compact NEMA 4 enclosure is designed specifically to protect APs in challenging environments such as stadiums, auditoriums, gymnasiums, and hospitals. This rugged polycarbonate enclosure protects the AP from weather, pressure spray, spilling liquids, dust, and impacts, and is transparent to wireless signals so APs with body integrated antennas or small detachable antennas may be protected. Paintable. This is the smallest NEMA 4 enclosure for most APs and is ideal for under-seating installation.



## Features & Benefits

- Compact, rugged enclosure for installing access points in physically challenging environments. Ideal for under seating and riser installation
- 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 sponge gasket material provides seal

## Technical Specifications

- Design: Compact, rugged polycarbonate wireless access point enclosure designed for surface mounting indoors or outdoors, and for under seating and riser installation.
- 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.
- 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
- Temperature rating: -40 to 120° C
- 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 AP Enclosure: Screw-on cover
1020-RAB	NEMA 4 AP Enclosure: Screw-on cover, Right-angle
1020-RAB-PMK	NEMA 4 AP Enclosure: Screw-on cover, Right-angle

## Measurements *(Maximum values):*

- Height: 9.1 in
- Width: 13.4 in.
- Depth: 4.0 in.
- Item Weight: 3 lbs.
- Shipping Weight: 4 lbs.


## Includes

- (1) Unit per carton
- (1) T-bar bracket
- (2) 1/2" Nylon spacer
- (2) #6 x 7/8" screw
- (4) #6 x 1/4 screw
- (4) M4 x 20mm lid screw
- Installation instructions

## Available Accessories


- [39-CORD-GRIP](#) - Cord Grip Connector for Pre-Terminated Cables
- [39-RJ45-BULKHEAD](#) - Bulkhead Modular Pass -Through

## Documentation Links

 [Spec Sheet](http://oberoninc.com/index.php?option=com_content&view=article&id=1291&Itemid=399) - oberoninc.com/index.php?option=com\_content&view=article&id=1291&Itemid=399

 [Installation Instructions](http://oberoninc.com/images/WebDocs/Model1020-00_Installation_Instructions.pdf) - oberoninc.com/images/WebDocs/Model1020-00\_Installation\_Instructions.pdf

 [Customer Prints](http://oberoninc.com/images/WebDocs/Model1020-00_Customer_Print.pdf) - oberoninc.com/images/WebDocs/Model1020-00\_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) -

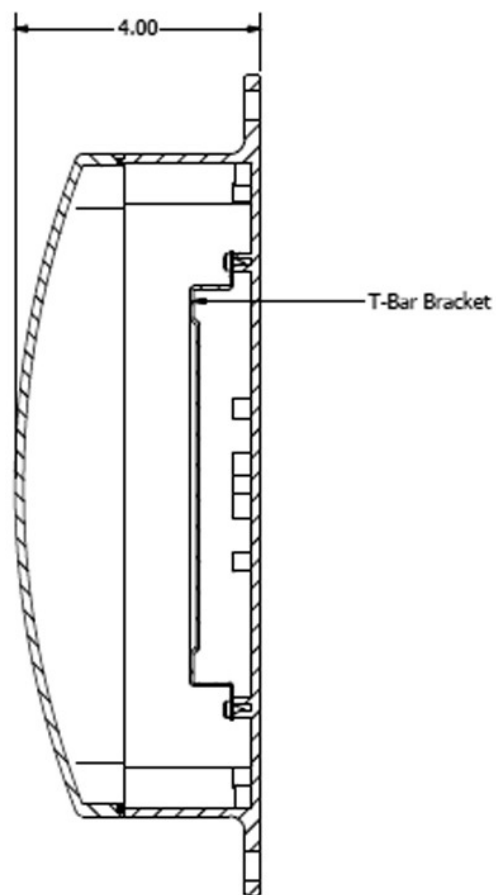
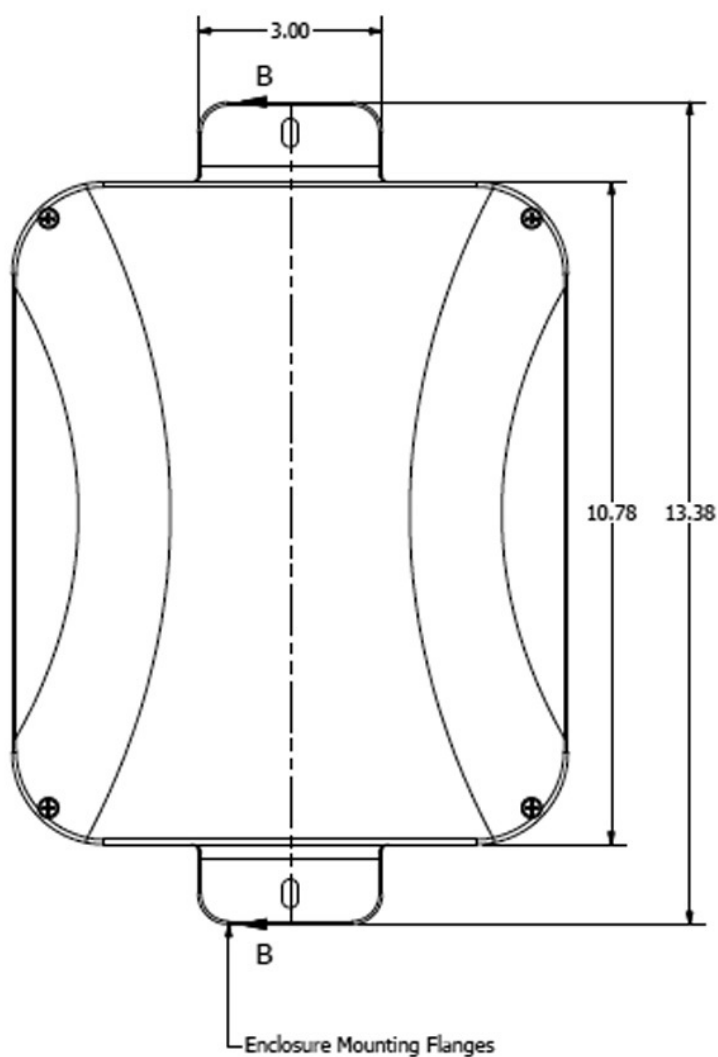
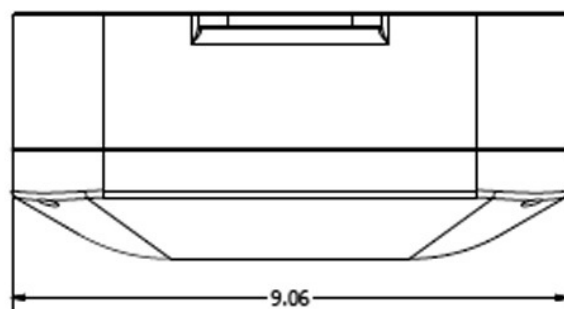
[http://oberoninc.com/images/WebDocs/SECTION 27\\_21\\_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS.pdf](http://oberoninc.com/images/WebDocs/SECTION_27_21_33_DATA_COMMUNICATIONS_WIRELESS_ACCESS_POINTS.pdf)

 [Model Viewer available at oberoninc.com](#)

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



## Dimensional Images



SECTION B-B  
SCALE 1 / 2