

## A rugged die-cast aluminum enclosure designed to withstand the most demanding outdoor environments

The GW3021 enclosure is IP67 rated enclosure for outdoor installations of Gateworks 4"x4" and 4"x6" Avila, Cambria and Laguna network processing boards. The GW3021 provides complete protection against the ingress of dust (6) and water when immersed to 1m for up to 30 minutes (7). The enclosure includes four U.FL or MMCX to N-Type antenna connectors and two shielded weatherproof RJ-45 Ethernet connectors. The antenna connectors are located at the four corners to increase spatial diversity and decrease RF grounding to the mounting mast. Power is supplied to the unit through the Ethernet connector using a passive PoE injector or PoE power supply. The enclosure includes a pole mount bracket, processor heat sink and a long life, ball bearing fan to reduce thermal hot spots by circulating the air inside the enclosure. The GW3021-1 has U.FL antenna pigtails and the GW3021-2 has MMCX antenna pigtails. The enclosure comes fully assembled and ready to go with all mounting hardware.

### FEATURES

- Supports Avila, Cambria and Laguna 4"x4"/4"x6" Network Processor Boards
- Die-Cast Aluminum with IP67 Rating
- Two Waterproof Shielded RJ-45 Ethernet Connectors with Couplers
- Four Waterproof U.FL to N-type Female Antenna Pigtails - GW3021-1 or MMCX to N-type Female Antenna pigtails - GW3021-2
- High MTBF, 7.0CFM, Ball Bearing Fan Rated for 60K Hours @ 45C
- Silicon Rubber Gasket
- Pole Mount Bracket Supports Mast Diameters up to 3.0in
- Overall Dimensions: 7.7 x 5.8 x 2.2in
- All Board Mounting Hardware Included
- Black Anodized Processor Heatsink Included
- Fully Assembled with RTV Silicon on Antenna Ports
- RoHS Compliant
- 1 Year Warranty



### SPECIFICATIONS

#### Electrical

##### Input Voltage / Operating Current

- ▼ Fan: 4 to 7VDC @ 0.2A Typical

#### Mechanical

##### Dimensions

- ▼ 7.7 x 5.8 x 2.2in (195.2 x 148.4 x 55.5mm)

##### Weight

- ▼ 3lbs (1361g)

#### Environmental

##### Operating/Storage Parameters

- ▼ Temperature: -40°C to +85°C
- ▼ IP67 Rated

### ORDERING OPTIONS

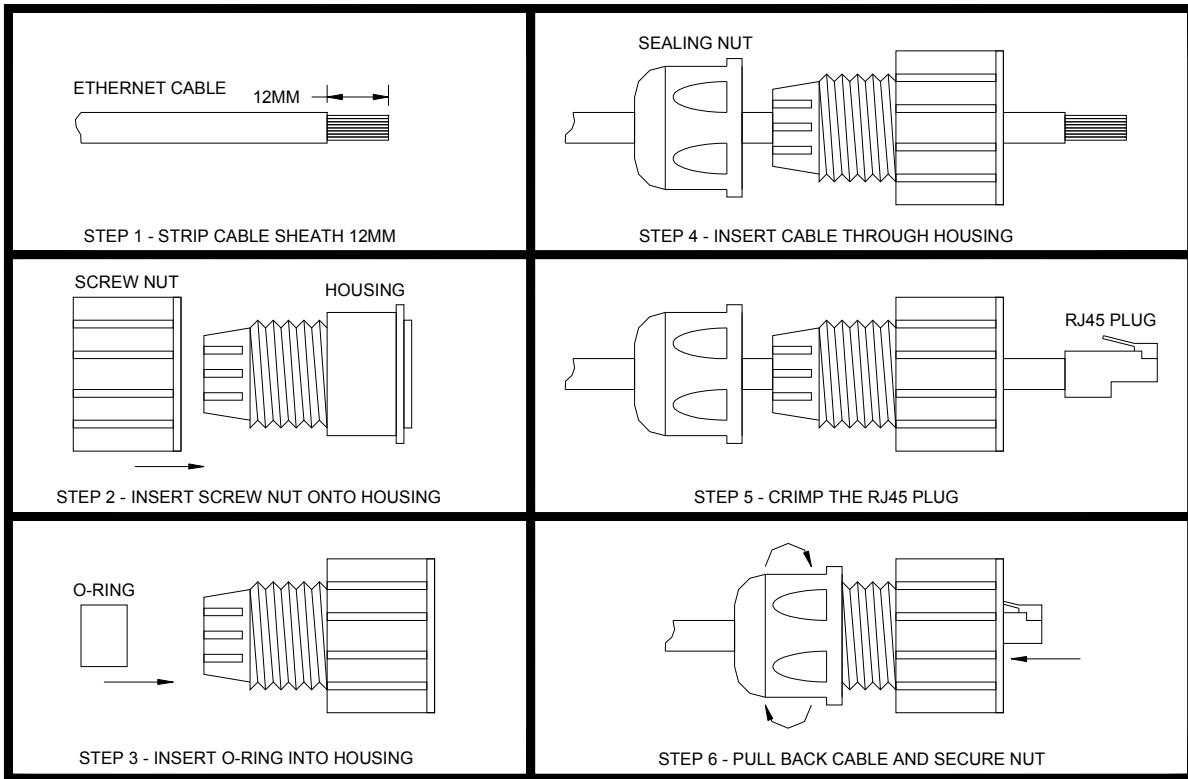
#### Standard Configuration

##### GW3021-1

- ▼ 4 x U.FL to N-Female Antenna Pigtails
- ▼ 2 x Ethernet Cables w/Couplers
- ▼ Fan, Heatsink, Mounting Hardware
- ▼ Pole Mount Bracket

##### GW3021-2

- ▼ 4 x MMCX to N-Female Antenna Pigtails
- ▼ 2 x Ethernet Cables w/Couplers
- ▼ Fan, Heatsink, Mounting Hardware
- ▼ Pole Mount Bracket



Ethernet Coupler Installation Instructions