

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

The GW3020 enclosure is IP65 rated enclosure for outdoor installations of Gateworks 4" x 6" Avila, Cambria and Laguna network processing boards. The GW3020 provides complete protection against the ingress of dust (6) and low pressure water spray (5). The enclosure includes four U.FL or MMCX to N-Type antenna connectors and two 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 GW3020-1 has U.FL antenna pigtails and the GW3020-2 has MMCX antenna pigtails. The enclosure comes fully assembled and ready to go with all mounting hardware.

FEATURES

- ◆ Supports Avila, Cambria and Laguna 4" x 6" Network Processor Boards – GW2348/GW2358/GW2388
- ◆ Die-Cast Aluminum with IP65 Rating
- ◆ Two Waterproof RJ-45 Ethernet Connectors with Couplers
- ◆ Four Waterproof U.FL to N-type Female Antenna Pigtails - GW3020-1 or MMCX to N-type Female Antenna pigtails - GW3020-2
- ◆ High MTBF, 7.0CFM, Ball Bearing Fan Rated for 60K Hours @ 45°C
- ◆ 3-Point Silicon Rubber Gasket
- ◆ Pole Mount Bracket Supports Mast Diameters up to 3.0in
- ◆ Overall Dimensions: 8.4 x 7.0 x 2.2in
- ◆ All Board Mounting Hardware Included
- ◆ Black Anodized Processor Heatsink Included 25 x 25 x 10mm
- ◆ Fully Assembled with RTV Silicon on Antenna Ports
- ◆ RoHS Compliant



SPECIFICATIONS

Electrical

Input Voltage / Operating Current

- ▼ Fan: 4 to 7VDC @ 0.2A Typical

Mechanical

Dimensions

- ▼ 8.4 x 7.0 x 2.2in (213.4 x 177.8.0 x 55.9mm)

Weight

- ▼ 3lbs 15 oz (1786g)

Environmental

Operating/Storage Parameters

- ▼ Temperature: -40°C to +85°C
- ▼ IP65 Rated

ORDERING OPTIONS

Standard Configuration

GW3020-1

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

GW3020-2

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