

# IG15 Industrial Gateway

## ANTENNA ACCESSORIES

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### Array Antenna

ACC-AANT-CG



### LTE RF Specifications

Frequency Range: 698~960MHz / 1710~2170 MHz / 2500~2690MHz

Polarization: Linear

HPBW / Horizontal: 360°

HPBW / Vertical: 90°

Peak Gain: 2.6 dBi / 3.2 dBi / 3.3 dBi Max. (cable loss excluded)

Efficiency: 70% typ.

VSWR: 4.0:1 (max) / 2.5:1 (max) / 2.5:1 (max)

Power Handling: 2W(cw)

Impedance: 50 Ohms

Cable: LMR100A L=1500mm

Connector: SMA Plug

### GPS/GLONASS Passive Antenna Specification

Center Frequency: 1575.42~1602MHz

Bandwidth (10dB return loss): 27 MHz typ.

Gain at Zenith (90°): 1.2dBic @1.575MHz / 2.0dBic@1602MHz

Polarization: R.H.C.P

Cable: LMR100A L=1500mm

Connector: SMA Plug

### Enclosure

Dimensions: 240.0 × 65.6 × 38.7 mm

Temperature: -40°C to +85°C

Humidity: 95% @55°C

Waterproof Rating: IPX7

# IG15 Industrial Gateway

## ANTENNA ACCESSORIES

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### Individual Antennas

ACC-IANT-CG

### LTE Stick



#### LTE RF Specifications

Frequency Range: 698~960MHz / 1690~2170 MHz / 2500~2690MHz

Polarization: Linear

HPBW / Horizontal: 360°

HPBW / Vertical: 90°

Peak Gain: 3.6 dBi / 3.0 dBi / 4.5 dBi Max.(cable loss excluded)

Efficiency: 70% typ.

VSWR: 4.0:1 (max) / 2.5:1 (max) / 2.5:1 (max)

Power Handling: 2W(cw)

Impedance: 50 Ohms

Cable: LMR100A L=1500mm

Connector: SMA Plug

#### Enclosure

Dimensions: 117.0 × 35.0 × 13.2 mm

Temperature: -40°C to +85°C

Humidity: 95% @55°C

Waterproof Rating: IPX7

### GPS Stick



#### GPS/GLONASS Passive Antenna Specification

Center Frequency: 1575.42~1602MHz

Bandwidth (10dB return loss): 8 MHz min. @ GPS Band, 9MHz min.@ GLONASS Band

Gain at Zenith: 1.7dBic @1.575.42MHz / 1.9dBic@1602MHz

Polarization: R.H.C.P

Cable: RG-174 L=1500mm

Connector: SMA-Plug

#### Enclosure

Dimensions: 40.0 × 35.0 × 13.5 mm

Magnet on bottom

Temperature: -40°C to +85°C

Humidity: 95% @55°C

Waterproof Rating: IPX7