



Global Xpress

Model: FV-60GX



Full Inmarsat Global Xpress (GX) Support Easy installation, light and compact antenna

- ▶ Reliable access to the full range of Inmarsat Fleet Xpress systems
- ▶ Automatic motor brakes protect Antenna unit during shipping, installation and no-power situations
- ▶ Easy installation
 - 65 cm compact and light-weight antenna (34 kg)
 - One cable between Antenna Unit and Antenna Control Unit
- ▶ Automatic Azimuth Calibration and Automatic Cable Calibration enable quick use
- ▶ Remote access and diagnostics
- ▶ Global customer support and technical services provided by FURUNO worldwide service network

Specifications

| ANTENNA UNIT | | |
|-----------------|---|---|
| Reflector size | 25.5 inch | |
| Polarization | Circular cross-pol | |
| Frequency band | Tx | 29.0 to 30.0 GHz |
| | Rx | 19.2 to 20.2 GHz |
| Antenna gain | Tx | 43.4 dBi typical at 29.5 GHz (excluding radome) |
| | Rx | 40.4 dBi typical at 19.7GHz (excluding radome) |
| System G/T | 17.2 dB/K typ. at 19.7 GHz at 10° elevation and clear sky (including radome) | |
| Ship motion | Roll: ±25°(6s), Pitch: ±15°(4s), Yaw: ±10°(10s), Turning rate: ±15°/s | |
| Wind resistance | 80 kn operational | |

| ANTENNA CONTROL UNIT (ACU) | | |
|----------------------------|--|--|
| Display | Web interface, OLED (red) display, 3 discrete indicator LEDs | |
| Interface | Number of ports | Ethernet: 4 ports, 100Base-T, RJ45 RS-422: 1 port for VSAT modem control, Dsub-9P RS-232: 1 port for VSAT modem control, Dsub-9P NMEA0183 (RS-422/232) and NMEA2000 for gyro/GPS compass, multi-connector |
| | Modem control | Generic, iDirect openAMIP protocol and custom protocol |

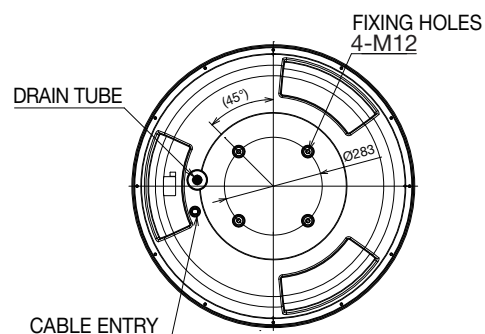
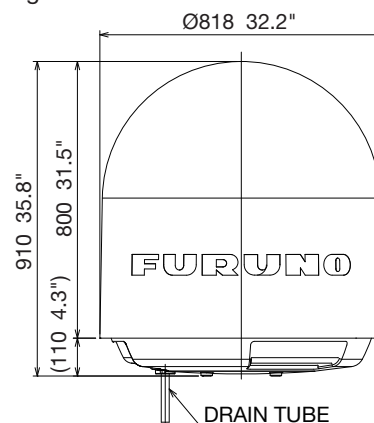
| GX MODEM UNIT (GMU) | | |
|---------------------|--------------------------|---|
| Display | Web interface, power LED | |
| Interface | Number of ports | Ethernet: 1 port, 100Base-T, RJ45 RS-422: 1 port for modem control, Dsub-9P RS-232: 2 port for modem control and modem console, Dsub-9P |
| | Modem control | iDirect openAMIP protocol, RS-422 & RS-232 |
| Temperature control | Built-in fan and heater | |

| POWER SUPPLY | | |
|--------------|--|--|
| ACU | 100-240 VAC: 2.4-1.0 A, 1 phase, 50-60Hz | |
| GMU | 100-240 VAC, 1 phase, 50/60Hz | |
| UPS (option) | E11A102B001UJ | Input: 100/110/115/120 VAC, 1 phase, 50/60Hz Output: 100 VAC, 700/1000VA |
| | E11A102B002UJ | Input: 200/220/230/240 VAC, 1 phase, 50/60Hz Output: 230 VAC, 700/1000VA Back-up period: 5 min (700 W), Charge time: 12 hr typical |

| ENVIRONMENTAL CONDITIONS | | |
|--------------------------|----------------|--|
| Ambient temperature | Antenna unit | -25°C to +55°C (storage: -40°C to +85°C) |
| | ACU/GMU | -25°C to +55°C (storage: -40°C to +85°C) |
| | UPS | -15°C to +55°C (storage: -40°C to +85°C) |
| Relative humidity | Antenna unit | 100% condensing |
| | Others | 95% or less at +40°C |
| Degree of protection | Antenna unit | IPX6 |
| | ACU/GMU | IP30 |
| | UPS | IPX0 |
| Vibration | IEC 60945 Ed.4 | |

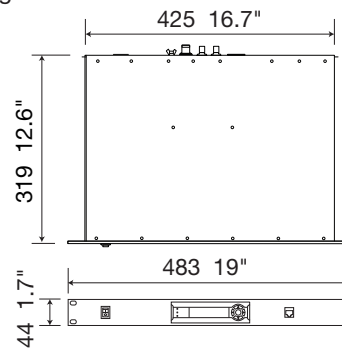
ANTENNA UNIT

34 kg 75 lb



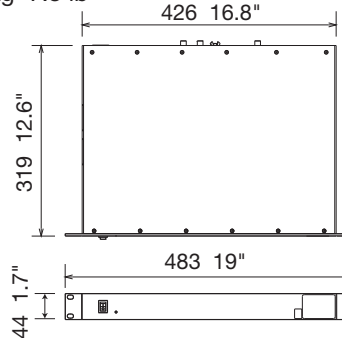
ANTENNA CONTROL UNIT (ACU)

4.2 kg 9.3 lb



GX MODEM UNIT (GMU)

3.3 kg 7.3 lb



Beware of similar products

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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