

Fleet One

INMARSAT FLEET ONE Maritime Terminal



FEATURES

MARITIME TERMINAL FOR INMARSAT FLEET ONE SERVICE

Intellian Fleet One is the perfect terminal for Inmarsat's Fleet One service which enables simultaneous voice and data connectivity up to 150 Kbps. Intellian Fleet One ensures resilient and reliable connectivity at sea.

SIMPLE AND EASY

The Intellian Fleet One is simple and easy to install and use. Lightweight antenna can be carried on board easily and only a single RF cable ensures reliable connection. AptusLX offers user friendly UX and is accessible via LAN and Wi-Fi from a smartphone or tablet.

SECURED SAFETY AT SEA

Intellian Fleet One provides all the necessary features related to safety at sea. The Inmarsat 505 Emergency Calling which in an emergency directs a call straight through to a MRCC.

In addition, Intellian Fleet One is ready for new Inmarsat GMDSS, Maritime Safety Terminal (MST). This Fleet One and MST package provides not only safety functionalities but also features such as navigation and location-based services.

SYSTEM HIGHLIGHTS

- ◆ Inmarsat Fleet One terminal
- ◆ Simultaneous voice and data
- ◆ Built-in firewall for data security
- ◆ Safety - 505 emergency calling
- ◆ Safety - maritime safety terminal support
- ◆ Built-in aptusLX intuitive management tool
- ◆ 2 LAN ports with PoE (power over ethernet)

| Fleet One | CODE |
|------------------|-----------|
| Standard Package | F4-A100-S |

| ITEMS | |
|-------|--|
| | ADU, BDU, Coaxial Cable, Quick Installation Guide, Installation Template, DC Power Cable, Ethernet Cable |

FleetOne

TECHNICAL SPECIFICATIONS

PHYSICAL

| | |
|----------------|--|
| ADU Dimensions | 291.1 x 294.5 mm / 11.5" x 11.6" |
| ADU Weight | 4.9 kg / 10.8 lb |
| BDU Dimensions | 280 x 190 x 41 mm / 11.0" x 7.5" x 1.45" |
| BDU Weight | 1.2 kg / 2.6 lb |

POWER

| | |
|-------------|----------------|
| DC Input | 10.8 ~ 30 V DC |
| Power (max) | 120 W |

RF / ANTENNA

| | |
|--------------------|---------------------------------|
| Tx Frequency | 1626.5 MHz ~ 1675.0 MHz |
| Rx Frequency | 1518.0 MHz ~ 1559.0 MHz |
| G/T | > -15.5 dB/K |
| Antenna Connectors | TNC male (ADU) – TNC male (BDU) |
| Wi-Fi | 802.11 b/g |

I/O

| | |
|---------------------|---------------------------|
| LAN | 2x RJ45 (2x PoE) |
| WAN | NA |
| Analog Phone | 1x RJ14 (2x Analog Phone) |
| Wireless | 1x Wi-Fi (SMA RP) |
| General Purpose I/O | 10 Pin GPIO |

ENVIRONMENTAL CONDITIONS

| | |
|-----------------------|-------------------------------|
| Operating Temperature | ADU: -25°C ~ + 55°C |
| | BDU: -15°C ~ + 55°C |
| Operating Humidity | > 95% non-condensing at +40°C |
| Water Ingress | ADU: IP56 |
| | BDU: IP31 |

INMARSAT SERVICES

| | |
|--------------|----------------------|
| Voice | 1x Voice line |
| Standard IP | Up to 150 kbps |
| Streaming IP | NA |
| SMS | Up to 160 characters |

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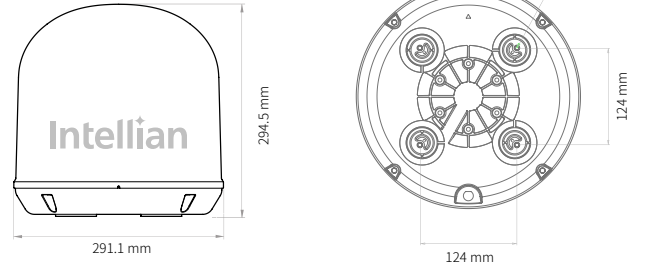
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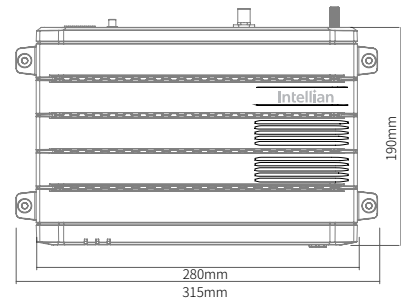
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SYSTEM DIMENSION

ADU



Stand-Alone Type BDU



SYSTEM DIAGRAM

