

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

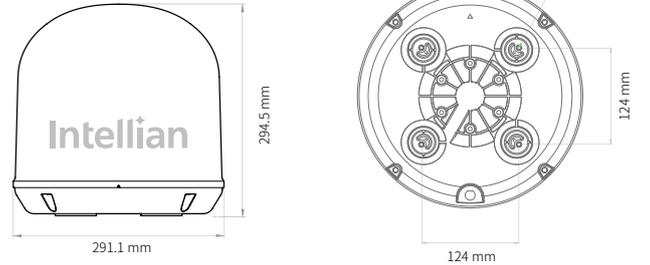
Operating Temperature	ADU: -25°C ~ + 55°C
	BDU: -15°C ~ + 55°C
Operating Humidity	> 95% non-condensing at +40°C
Water Ingress	ADU: IP56
	BDU: IP31

INMARSAT SERVICES

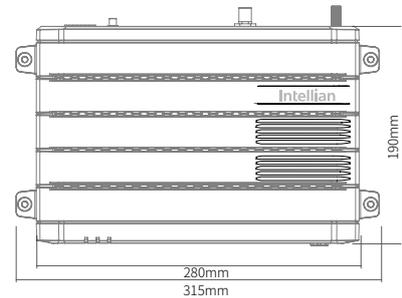
Voice	1x Voice line
Standard IP	Up to 150 kbps
Streaming IP	NA
SMS	Up to 160 characters

SYSTEM DIMENSION

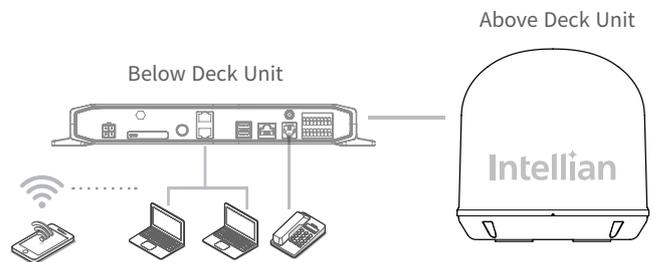
ADU



Stand-Alone Type BDU



SYSTEM DIAGRAM



Esatcom Inc.
www.esatcom.com

Tel:
718.276.0800

Email:
sales@esatcom.com