

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.

LOWER TOTAL COST OF OWNERSHIP

Intellian focuses on delivering value to our customers through low total cost of ownership. This comes from building highly reliable terminals that are easy to install and have a wide range of features and functionality that reduces the amount of additional equipment required and minimizes air time costs through automatic WAN switching and preventing out of policy usage. Intellian's responsive global support teams are there to help if needed and the terminal comes with a market leading 3 year parts and 2 year labor warranty.

ALL-IN-ONE STAND-ALONE SOLUTION

The FleetOne terminal delivers unparalleled features and functionality that include: automatic switching between WAN and satellite connection, Wi-Fi antenna, built-in soft PABX and firewall. Bringing all these features together in one package simplifies installation and commissioning, and eliminates the possibility of conflicts that can occur when these features are provided using connected equipment.

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).

SYSTEM HIGHLIGHTS

- ◆ Inmarsat Fleet One terminal
- ◆ Simultaneous voice and data
- ◆ Built-in firewall for data security
- ◆ Safety - 505 emergency calling
- ◆ GMDSS ready (Maritime Safety Terminal compatible)
- ◆ 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 (10m / 32ft), 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 female (ADU) – TNC female (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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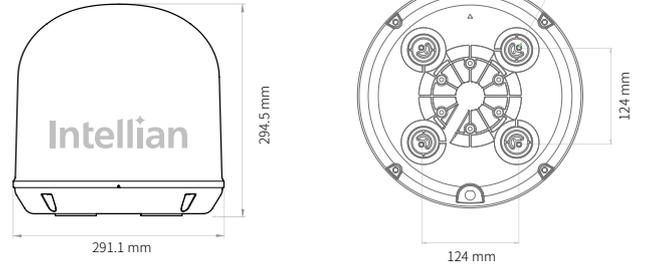
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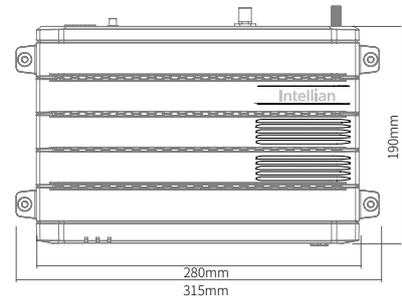
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SYSTEM DIMENSION

ADU



Stand-Alone Type BDU



SYSTEM DIAGRAM

