



FleetOne

Innovative Solutions for Fishing and Leisure

2014 Technical Sheet

The Fleet One terminal is well suited for small and mid-sized fishing and leisure vessels at price and service levels never before available in these market sectors.

Based on the most powerful communications satellites ever launched, Fleet One now makes it easy to talk, send and receive text messages, emails around the world.

Get the information you need, when you need it most. With amazingly fast data speeds, up to 100kbps, you can now receive full color weather images, navigational charts, maintenance information and browse the internet with ease. Send reports, regulatory and management information, requisitions or pictures while simultaneously receiving the latest news and sports updates, even phone calls.

Special Features

- Forced Dialing - with SAC Configuration Control
- Restricted Dialing
- Handset Call Priority
- Remote Access
- Backup/Restore of Configuration Settings
- SIM Lock based on IMSI/APN
- Multilingual WebConsole (English, Spanish, Chinese (Simplified & Traditional) and Dutch)
- Multi-User access with configurable access rights
- Time/Volume limited data sessions

- Automatic Position Reporting and Fleet Tracking Capability - Geofencing, up to 10 polygon areas can be configured
- MAC Filtering
- Port Forwarding
- PPPoE
- Firewall

Do not be misled by the compact size of Fleet One, it is a high performance satellite communications terminal with unique features such as:

- BDU: IP44 Environmental Protection
- Primary Handset: IP66 Environmental Protection
- NMEA 0183 Continuous GPS Output
- 3-Axis Stabilised Antenna With IP56 Protection. Built on proven Mini-M platform
- Append GPS Position to SMS
- No Fuses- Uses Intelligent Circuit Breaker
- Quick & Easy Mini-M Replacement. Same ADU Mounting Bolt Pattern

Fleet One includes a handset with a large color LCD display and mobile phone type keys for text messaging. With Fleet One's additional RJ11 phone port you can connect a standard cordless phone so you will never miss an important call while on deck or in your cabin.

For internet service you can simply connect Fleet One to an onboard computer network or WiFi Access Point for wireless networking using the included RJ45 Ethernet connection. With NAT and DHCP functions, Fleet One offers both

Single User (modem) and Multi-User Router modes. With MAC address filtering and Firewall features, Fleet One offers unmatched access security.

You may also use Fleet One's internal GPS receiver and NMEA 0183 output to provide accurate position information to onboard systems such as plotters and depth sounders.

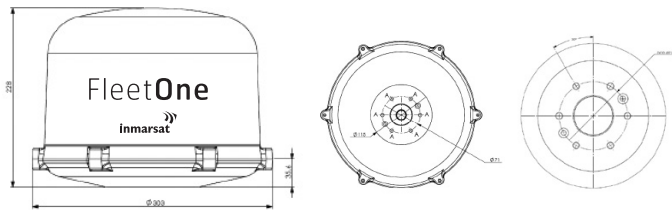
Fleet One uses new, secure, IP-based technologies; you are only charged for the kilobytes of data you send and receive, not for the time it takes. Unlike analog communications technology, Fleet One employs modern digital communication technology that greatly enhances the privacy of your communications with encryption, be it a voice call or data, so you can keep your business private and you're fishing spots secret.

Indispensable partner

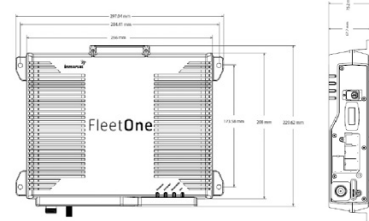
Fleet One brings to the maritime communications world unparalleled advantages in cost, performance and ease of operations never before available. While at sea, Fleet One will be your indispensable partner for all of your business or leisure communications needs, along with the comfort of knowing that you have the latest in GPS based emergency communications capabilities.

Technical Specifications

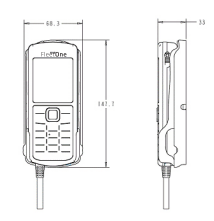
Inmarsat Fleet One Above Deck Unit (2.0 kg)



Inmarsat Fleet One Below Deck Unit (2.8 kg)



Inmarsat Fleet One Handset



Description

Inmarsat Fleet One Type Approval
Compliant to R&TTE, IEC 60945:2000
Certification mark: FCC • CE • IC
Green passport
BDU – ADU RF Cabling max loss
12 dB at 1.6GHz and 4 ohm DC loop resistance

Service

Voice:	4kbps AMBE+2
Standard IP:	Up to 100 kbps
SMS	Up to 160 characters (3G standard)

Router Functions

Single User Router Mode (Modem Modem):	NAT disabled, with option to enable/disable DHCP
Multi-User Router Mode:	NAT enabled, with option to enable/disable DHCP

Interfaces

1x Ethernet Port (RJ45 with PoE)	
1x Standard Phone Port (RJ11) for phone	
Primary Handset connector (RJ-45)	
GPS output connector (NMEA-0183)	
Antenna Connector:	BDU: TNC female
	ADU: N-type female
SIM Card Slot	
Status indicator LEDs(4)	
Power On/Off switch	
DC Power Input socket	

Power Supply

DC input (isolated):	+10.8V to +31.2V
Power (max):	100W including antenna

Physical Data

Dimension:	BDU:	297 x 228 x 77 mm 11.7 X 9.0 X 3.0 in
	ADU:	294mm (Dia) x 228mm (H) 11.6 in (Dia) x 9.0 in (H)
Weight:	BDU:	2.8 Kg /6.21bs
	ADU:	2.0 Kg /4.4 lbs

Environmental Conditions

BDU:	
Operating Temperature:	-25 to +55°C
Storage Temperature:	-40 to +80°C
Operating humidity:	95% non-condensing at +40°C
Ingress Protection:	IP44
ADU:	
Operating Temperature:	-25 to +55°C
Storage Temperature:	-40 to +80°C
Operating humidity:	95% non-condensing at +40°C
Ingress Protection:	IP56

Primary Handset

Display:	2 in, 220 x 176 pixel TFT, 65K Color LCD
Dimension:	142 x 56 x 22 mm 5.6 x 2.2 x 0.9 in
Weight:	390g 10.8 lbs
Protection class:	IP66
Operational Temperature:	-20 to +55°C
Storage Temperature:	-30 to +70°C
Feature highlights:	Configuration setting
	Phone book access
	Call log function
	SMS Messaging
	5-way menu navigation switch for user-friendly menu operation
	Hands free operation via plug-in headset

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