

# SKIPPER™ 150

The Skipper's choice  
for FleetBroadband  
Communication



The SKIPPER™ 150 FleetBroadband satellite communications terminal is well suited for small and mid-sized commercial marine, fishing and leisure vessels at price and service levels never before available in this vast market sector.

Based on the most powerful communications satellites ever launched, the SKIPPER™ 150 now makes it easy for Captains and Crew members to talk, send and receive text messages, emails and faxes around the world.

Get the information you need to make your work easier, when you need it most. With amazingly fast data speeds, up to 150kbps, 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 or faxes.

## 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
- Multi-Voice up to 4 voice call ports (each call comes with an individual phone number)
- MAC Filtering
- Port Forwarding
- PPPoE
- Firewall



Work Boats



Commercial Fishing



Sport Vessels



Coastal Search & Rescue Vessels

Do not be misled by the compact size of the SKIPPER™ 150, 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

SKIPPER™ 150 includes a handset with a large color LCD display and mobile phone type keys for text messaging. With the SKIPPER™ 150'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 the SKIPPER™ 150 to an onboard computer network or WiFi Access Point for wireless networking using the included RJ45 ethernet connection. With NAT and DHCP functions, the SKIPPER™ 150 offers both Single User (modem) and Multi-User Router modes. With MAC address filtering and Firewall features, the SKIPPER™150 offers unmatched access security.

You may also use the SKIPPER™ 150's internal GPS receiver and NMEA 0183 output to provide accurate position information to onboard systems such as plotters and depth sounders.

Because the SKIPPER™ 150 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, the SKIPPER™ 150 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 your fishing spots secret.

Indeed the SKIPPER™ 150 brings to the maritime communications world unparalleled advantages in cost, performance and ease of operations never been available. While at sea, the SKIPPER™ 150 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 FleetBroadband 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

### Services

Voice : 4kbps AMBE+2  
Fax : Group 3 (via 3.1 kHz Audio)  
Standard IP : Up to 150 kbps  
SMS Up to 160 characters (3G standard)

### Router Functions

Single User Router Mode : 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 or G3 Fax  
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 / 6.2 lbs  
: 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 +85°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 / 0.8 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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