

# SKIPPER<sup>TM</sup> 150

The Skipper's choice for FleetBroadband Communication



Addvalue Communications and Inmarsat have combined to bring the newest and most advanced maritime satellite communications technology, FleetBroadband, to 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<sup>TM</sup> 150 now makes it easy for Captains and Crew members to talk, send and receive text messages and email 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.

Commercial Fishing



Work Boats



Sport Vessels



Sail Boating



# SKIPPER™ 150

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 MAC address filtering and user control of NAT and DHCP functions, the Skipper™ 150 offers both Single User and Multi-User Router modes.

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, be it a voice call or messaging, 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.

Contact Addvalue's authorised distributor:



**Mackay Communications, Inc.** 3691 Trust Drive Raleigh, NC 27616 USA  
Tel: 1-919-850-3100 Fax: 919-954-1707 US Toll: 1-877-4-MACKAY  
Email: satserv@mackaycomm.com www.mackaysatellite.com

Government buyers or contractors, contact Mackay Government at:  
government@mackaycomm.com or 904-880-4633



© 2009 Addvalue Communications Pte Ltd. All rights reserved. Addvalue Communications may have pending patent applications, trademarks or registered trademarks, copyrights, or other intellectual property rights covering subject matter in this document. The furnishing of this document does not give you any license to these intellectual properties.

This material may contain unintended errors or omissions and is subject to change without notice. It is provided as is and without any express or implied warranties, including merchantability, fitness for a particular purpose and non-infringement. Addvalue shall not be liable for any special, indirect, incidental or consequential damages as a result of its use.

Addvalue, the Addvalue Enabled logo, Wideye, the Wideye logo and Skipper are either trademarks or registered trademarks of Addvalue Communications Pte Ltd in Singapore and/or other countries.

Inmarsat, the Inmarsat logo registered trademarks of Inmarsat Global Limited in the United Kingdom and/or other countries, and are used by Addvalue Communications Pte Ltd under license.

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries. Apple, Mac, Macintosh and Mac OS are trademarks of Apple Computer, Inc, registered in the United States and other countries. Bluetooth is a trademark of Bluetooth SIG, Inc in the United States and/or other countries. Other marks or trademarks are the properties of their respective owners.

## 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  
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

10 Base-T Ethernet Port with Power over Ethernet (PoE)  
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 :  
Operational Temperature: -25 to +55°C  
Storage Temperature : -40 to +85°C  
Operating humidity : 95% non-condensing at +40°C  
Ingress Protection : IP66

### 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 3.0 x 0.9 in  
Weight : 390g / 0.8 lbs  
Protection class : IP66  
Operational Temperature: -20 to +55°C  
Storage Temperature : -30 to +70°C  
Features highlight:  
■ 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