Stay connected with Internet and voice services *everywhere, anytime!*

■ Description

Glocom's GX-9 is a rugged, compact and reliable user terminal specifically designed to fit small and medium sized vessels. The GX-9 works with Inmarsat's broadband global area network to keep you in touch with the office, news, family and friends. It is easy to use and has standard connections for your phones and computers.
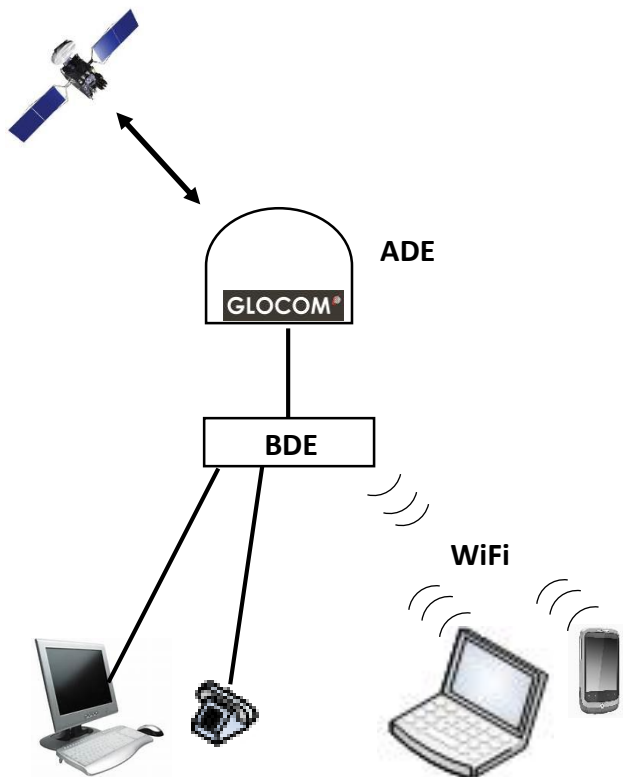
■ Installation

There are only two items to install. The 'below deck equipment' (BDE) which is the size of a textbook. The BDE accepts a wide voltage range and connects to the 'above deck equipment' (ADE) through a single cable. The ADE includes the antenna and is slightly larger than a basketball. A number of standard antenna mounts are supported. Glocom uses industrial grade components to withstand the harsh shock and vibration of the marine environment.

■ Applications

- Voice calls
- Internet access
- E-mails
- Short Message Service
- File transfer, data reporting
- Real-time compressed video
- VoIP and FoIP
- ISDN Calls
- Secure VPN

■ Features
- Built-in WiFi
- Built in web server for easy setup
- Extended ADE to BDE cable (50m) option
- Water and dust proof components
- Dedicated streaming connections
    - 8, 16, 32, 64 or 128 kbps
- Shared IP - to 239 kbps Tx, 384 kbps Rx
- Works with Glocom's iMUST
    - Reduced calling costs (ship and shore)

Affordable, dependable, powerful communications

Inmarsat Fleetbroadband FB250 Class Terminal

ADE

GLOCOM®

BDE

WiFi

Interface	Standard	Connector
Voice	2-wire analog	RJ-11
Ethernet	IEEE Std 802.3 1998 ed, ISO/IEC 8877:1992	RJ-45
WiFi	IEEE 802.11b	Wireless
USB	Version 1.1 or later	Type-B
ISDN	Euro-ISDN S/T interface, ISO/IEC 8877:1992, ITU-T Recommendation I.430	RJ-45

■ GX-9 Package Includes

- Above Deck Equipment (ADE)
- Below Deck Equipment (BDE)
    - Mounting brackets
    - WiFi antenna
- Cables:
    - ADE to BDE (15m)
    - DC Power (5m)
- Operating Manual CD
- Warranty

■ Operating Characteristics

- Power Input: 11 to 31 Vdc
- Power Consumption: 100 W
- Transmit Frequency: 1626.5 – 1660. MHz
- Transmit Power: 14 dBW EIRP
- Receive Frequency: 1525.0 – 1559.0 MHz
- Receive G/T: > - 15.5 dB/K
- ADE: 32cm dia. x 27cm, 3.6 kg
- BDE: 21cm x 26cm x 5cm, 2.4 kg

■ Environmental Characteristics

- Operating Temperature: -25 to +55°C
- Relative Humidity: Up to 95% at 40°C

Above Deck Equipment (ADE)
- Precipitation: Up to 100 mm/hr
- Wind Velocity: Up to 100 knots normal Op.
- Icing: Up to 25 mm of ice survival
- Spray: Solid droplets all directions
- Turning Rate: +/- 40° /s
- Ship motion

Pitch:	+/- 10°	6s	0.5 g, tangential
Roll:	+/- 30°	8s	0.5 g, tangential
Yaw:	+/- 8°	50s	
Surge:	+/-0.2°		
Sway:	+/-0.2°		
Heave:	+/-0.5°		

■ GX-9 Certifications

EN 300 328, EN 301 444, EN 301 489-1, EN 301 489-17, EN 301- 489-20, IEC 60945, IEC 6094, FCC Part 15, FCC Part 15.27. FCCC Part 25

Inmarsat Type Approval Certificate No: B9GC01

22 Firstfield Road, Suite 125, Gaithersburg, Maryland 20878 USA
Tel: 1-301-869-5488 x 304   Fax: 1-301-869-0581   Email: info@glocom-us.com   Website: www.glocom-us.com

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