

iSaviTM

Satellite Terminal

EASY
RELIABLE
GLOBAL



BGAN compatible



The WideyeTM iSaviTM terminal is the first satellite terminal developed for Inmarsat's IsatHub service.

With the latest iSaviTM software, the iSaviTM is also compatible with a Micro BGAN SIM card, which allows the user to have a true prepaid service. The user can replace the IsatHub SIM card with a Micro BGAN SIM card directly as no special set-up is required.

The iSaviTM unit also supports 3G SIM roaming with a few selected Mobile Network Operators' (MNOs') 3G SIM cards.

iSaviTM is lightweight, highly portable and is quick and easy to set up with no technical expertise or training needed, enabling you to get online via a satellite connection within minutes.



Talk



Text



Internet



Global

HOW IT WORKS

Inmarsat satellite



= 3G
Global



IsatHub service

WideyeTM iSaviTM terminal



= Talk Text Internet



WiFi

Your smart device



+ Multiple devices

FEATURES

- Dependable Smartphone/Tablet-to-Satellite connectivity - Voice, Data and Text (all at the same time).
- Connect from anywhere with no roaming charges.
- Compact and portable.
- Wi-Fi Hotspot function with IP connection shared with your friends and colleagues within a 30 metre range (can connect over 20 Wi-Fi users at a time).
- User friendly operation via Smart Apps.
- Power consumption is low and the battery can be recharged by an AC power adaptor/car charger adaptor/Sherpa 50 rechargeable powerpack or by a suitable solar panel.
- Built-in full featured firewall.
- Dust and splash resistant (IP65).
- Multilanguage Web Interface (English, Chinese Simplified, Chinese Traditional, Japanese, Portuguese, Russian, Spanish, French, German and Arabic).



Control app

These 2 apps connect you to the I-4 network via the iSavi™ satellite terminal that has been type approved to work over Inmarsat's network.

The control app provides set-up assistance and gives you full control over access to the IsatHub service as well as visibility of data usage from each device sharing the iSavi™ connection.



Voice app

The voice app enables you to use your smart device to make and receive voice calls via iSavi™'s dedicated high-quality voice line, as well as sending and receiving text messages.

iSavi™ operates over the Inmarsat-4 (I-4) satellite and ground networks, which has global coverage (except for extreme polar regions), at an average availability of 99.9 per cent

The service is accessed via Control and Voice apps (available for download on App Store and Google Play) downloaded onto a smart phone and/or tablet.

Technical Specifications

Operating Frequency

Satellite Transmit:	1626.5 – 1660.5 MHz & 1668 – 1675 MHz
Satellite Receive:	1518 – 1559 MHz
GPS Frequency:	1574.42 – 1576.42 MHz

Services

Standard IP:	Up to 240/384kbps (send & receive)
Short Message Service(SMS):	Up to 160 characters (standard)
Larger SMS content (> 160 characters):	Supported as multipart or segmented SMS
Voice Connectivity:	Built-in SIP server using Apps on Smart Devices
Data Connectivity:	Wi-Fi 802.11 b/g/n Access Point with internal Wi-Fi Antenna

Power Requirement

Power adaptor:	Input: 100 - 240VAC Output: +18VDC, 65 watt
Battery	
Standard:	10.8V @ 3Ah Li-ion Battery Pack
Operating time:	2.5 hours
Standby time:	24 hours

Environmental

Operating Temperature:	-25°C to +55°C (with DC supply) -20°C to +55°C (with battery)
Storage Temperature:	-40°C to +80°C (Transceiver) -20°C to +40°C (Battery) -20°C to +40°C (Transceiver with battery)
Battery Charging Temperature:	0°C to +40°C
Storage Humidity:	95% RH (non-condensing at +40°C)
Ingress Protection:	IP65 Compliant
UV resistant	

Physical Interfaces

- 1 x DC Power Supply Connector on the Battery Unit
- 1 x Power Button (Push Switch with bi-colour red and green LED) on the Main Unit
- 1 x Exit Pointing Button (Push Switch with bi-colour red and green LED) on the Main Unit
- 4 x Antenna Pointing LEDs (bi-colour red and green LED) on the Main Unit
- Battery Level Indicator Button (single colour LED x4) on the Battery Unit
- 1 x Micro-SIM card slot
- Security lock slot
- Micro USB for maintenance use only

Physical Data

Overall Terminal:	
Dimension:	180 x 170 x 30 mm 7.09 x 6.69 x 1.18 in
Weight:	880g 1.94 lb
Transceiver:	
Dimension:	130 x 170 x 30 mm 5.12 x 6.69 x 1.18 in
Weight:	620g 1.37lb
Standard Battery Pack:	
Dimension:	50 x 170 x 30 mm 1.97 x 6.69 x 1.18 in
Weight:	260g 0.57 lb

Regulatory Approvals

- CE
- FCC
- Industry Canada (IC)
- RoHS2 Compliance
- WEEE
- GMPCS MOU-ITU registry
- Inmarsat Type Approval Certification (TAC)
- UL/IEC,UN,PSE - For Battery Pack Safety



addvalue™

