



VOICE



IMAGES



HIGH-SPEED DATA



WWW



FAX



Ottercom-GAN

GLOBAL 64kbts/s ISDN COMMUNICATIONS

Communicating from inaccessible locations has taken on a new perspective with the advent of the Global Area Network (GAN) from Inmarsat and the arrival of the latest high performance terminal - The Ottercom-GAN.

The Ottercom's compact, rugged construction provides reliable high-speed data-handling facilities in a tough, go-anywhere format. The whole unit weighs just 5.5kg (including battery).

The Ottercom can send and receive voice and data at a standard speed of 64kbts/s - or up to 128kbts/s by using the ISDN bonding interface. Users can send and receive e-mails, access the Internet, send voice and fax messages, videos, still photographs - whatever situation you are in, the rest of the world is not as far away as you think.

The Ottercom's unique design and comprehensive set of interfaces enable anyone to travel the world equipped with the ultimate communications package.



BROADCASTERS, requiring a leading edge communications package for up-to-the-minute news gathering and remote reporting - The Ottercom caters for store and forward video, still picture transmission, broadcast quality voice, and video conferencing



SURVEYORS, needing to transmit high volumes of data and maintain communications links from remote sites - The Ottercom supports up to 3 hours of constant high speed data, and up to 6 hours of voice, with 50 hours' standby time from standard heavy duty camcorder batteries



DEFENCE, Peacekeeping and Disaster Relief duties, involving regions with a severely disrupted local communications infrastructure - where The Ottercom's rugged construction and reliable operation are essential features.



ANYONE, who requires a rugged, reliable terminal capable of providing 64 kbts/s ISDN communication from remote locations.





FAST DATA AND FLEXIBLE INTERFACES

A comprehensive selection of interfaces - ISDN, X21, RS449, USB, RS232 - provides connectivity to ISDN lines. The Ottercom also integrates a versatile interface for customer-specific applications.

Using the ISDN bonding interface to connect two terminals together, data transfer rates can be accelerated to 128kbits/s.

The Ottercom is equipped with Inmarsat Packet Data Service (IPDS) packet data mode capability, providing the latest and most cost-effective service currently available.

RUGGEDLY CONSTRUCTED AND READY FOR ACTION

The Ottercom's tough construction can contend with some of the worst environments the world has to offer. Designed to combat the weather, it features a splash-proof indoor unit and sealed antenna unit. The unit is supplied in a soft carry case, but can be delivered with a specially-designed high quality roller case that conforms

with airline carry-on regulations - offering further protection for The Ottercom unit within a smart, portable package.

Open up the case, connect the indoor unit to the antenna and The Ottercom is instantly ready for action.

Comprising an integral telephone handset, keypad and LCD screen, The Ottercom can be swiftly deployed via a simple set-up routine, without the need for any external devices. The antenna can be placed up to 10m away from the indoor unit using the standard cable, or up to 70m with the optional extension kit.

The Ottercom's SIM card is housed inside the indoor unit, well protected from the elements, and can be removed in seconds.

POWERED FOR PERFORMANCE

The Ottercom uses heavy-duty rechargeable camcorder batteries, available from most camera stores, and provides constant high-speed data usage of approximately 3 hours. The Ottercom can be powered directly from a 10.2v-15.6v DC supply, and has a wide-ranging AC adapter.



The Ottercom-GAN delivers the high data rate services provided by Inmarsat's Global Area Network in a tough, go-anywhere format.



RUGGED



WEATHERPROOF



COMPATIBLE



LONG BATTERY LIFE

TECHNICAL DATA

Size and weight

Indoor unit	220 x 269 x 75 mm
Outdoor Unit	399 x 397 x 92 mm
Antenna	399 x 397 mm
Weight	5.5kg (Inc Battery)

Humidity

IME 95% non-condensing at +40C
(IME = Indoor Unit)
EME 100% condensing
(EME = Outdoor Unit)

Services

ISDN basic rate interface, NT1 S/T bus
ITU-T I.430 compliant
56/64kbits/s data (UDI)
56/64kbits/s speech
128kbits/s with ISDN Bonding
3.1kHz audio
Inmarsat Packet Data Services (IPDS)
4.8kbps AMBE voice
Secure voice STU III/IIB

Interfaces

ISDN (RJ45), 2 x RJ11, RS232,
X.21, RS449 and USB

Battery Capacity

64kbits/s data up to 3 hrs continuous
Voice up to 6 hours
Standby time 50 hours

PC Applications Software

For Windows 95, 98, NT, 2000

AC Adapter

100 to 240 VAC 47 to 63Hz

Electromagnetic compatibility

EN 300 339, TBR 44

Optional Configurations

Rigid Tripod Antenna mount
Pole-mounted antenna
128kbits with 2 terminals
19" rack-mounting version
Rugged notebook PC with application software loaded



Antenna Cable

Up to 20m (RG223)
Up to 70m (RG214)

Environmental Conditions

Operational Temperature Range
Indoor Unit -25 to +55C
Outdoor Unit -25 to +55C
Storage Range -40 to +80C
Shock Survival 20g (11ms half sine wave)

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Ottercom reserves the right to amend specification without prior notice

