BEAM

Oceana 400 is a slimline terminal purposely designed for use in maritime applications where the simplest access to reliable voice and data communications services is required.

Featuring an intelligent RJ11/POTS interface, it enables connection of up to 5 standard corded/cordless phones or integration to a PABX system. It can supporting cable runs of up to 600m (2000 feet), with in-built intelligence to support standard ring, busy and dial tones.

Other key features of the Oceana 400 include: a high quality IP53 rated enclosure (rainproof when wall mounted), wall or desk mountable and USB data access.

The Oceana 400 is designed to operate with the Inmarsat Fleetphone service and is supplied with a dedicated active marine grade antenna system to provide a completely integrated solution that is ready for use anytime.

APPLICATIONS

Captin & Crew calling from one unit

Connect to ships PABX

Marine Oil/ Drilling Rigs

KEY FEATURES

DESIGN

- High quality enclosure
- IP53 rated (rainproof)*
- Wall or desk mountable
- Integrated antenna connections
- SIM socket on the rear of the terminal

POWER

- 10–32V DC input
- 110/240V AC plug pack included

INTELLIGENT POTS/RJ11 INTERFACE

- Supports up to 600m (2000 feet) of RJ11
- Dial, ring & busy tones
- Integrates to PABX system
- Support standard corded, cordless or DECT phones
- Auto-dial & speed dials available

OTHER KEY FEATURES

- Status LED indication for registration/signal, call and messaging
- USB data access
- Basic SMS support via Falcon application (via USB port)
- Includes BEAM Maritime Antenna (Active) Maritime grade mart mount active antenna

*IP53 rated when wall mounted only.

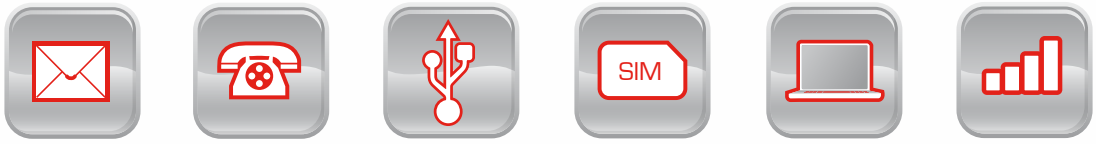
TECHNICAL SPECIFICATIONS

Model: OC400

AVERAGE POWER CONSUMPTION (Active Antenna Connected)	CURRENT @ 15V AVERAGE	POWER
Standby	0.21A	3.1W
Transmit	0.57A	8.5W
Sleep Mode	4mA	60mW
Peak Current	1.73A	25.9W
PHYSICAL SPECIFICATIONS		
Dimensions	240 x 190 x 53 (mm)	8.0 x 7.5 x 2.1 (inches)
OC400 Weight	0.58kg	1.28lbs
ENVIRONMENT SPECIFICATIONS		
Operating Range	-20°C to +55°C	-4°F to +131°F
Storage	-30°C to +80°C	-22°F to +176°F
Humidity	< = 75% RH	
TRANSCEIVER		
Inmarsat-4 Satellite GMR-2+ Frequency Bands		
Tx Operating Frequency	1626.5 - 1660.5 MHz	
Rx Operating Frequency	1518 – 1565 MHz (Inmarsat) 1565.19 – 1585.65 MHz (GPS)	
RF Output Impedance	50 Ohms	
Carrier frequencies	Channel 0 = 1626.525 MHz Channel 169 = 1660.475 MHz	
TX Modulation	GMSK	
RX Modulation	OQPSK	
CONNECTORS/INTERFACES		
POTS/RJ11	RJ11/2-wire, 5REN @ 600m, Adjustable dial, ring, busy tone configured frequency and adaptive impedance.	
Inmarsat Antenna	TNC-Female	
GPS Antenna	SMA-Female	
10-32 V DC	4-way microFit (AC/DC adaptor, or DC lead)	
Configuration/Data	Mini USB	

CERTIFICATIONS
Inmarsat Type Approval, FCC, CE Compliance, Electrical Safety, RoHS, Industry Canada, C-Tick
IP53 Rating 5 = Protected against dust limited ingress (no harmful deposits). 3 = Protected against direct sprays of water up to 60° from the vertical.
KIT CONTENTS
Oceana 400 Terminal
ISD710 Maritime Antenna (Active)
110-240V AC Plug Pack, 15V DC Out
10-32V DC Power Cable
USB Cable
2 x Screws for wall mounting
User Manual, Quick Start Guide & Antenna Installation Guide

OPTIONAL ACCESSORIES	
ISD932	IsatDock / Oceana 6m SMA/TNC Cable Kit (Active)
ISD933	IsatDock / Oceana 13m SMA/TNC Cable Kit (Active)
ISD934	IsatDock / Oceana 18m SMA/TNC Cable Kit (Active)
ISD935	IsatDock / Oceana 31m SMA/TNC Cable Kit (Active)
ISD938	IsatDock / Oceana 40m SMA/TNC Cable Kit (Active)
ISD942	IsatDock / Oceana 50m SMA/TNC Cable Kit (Active)
ISD943	IsatDock / Oceana 60m SMA/TNC Cable Kit (Active)
ISD944	IsatDock / Oceana 70m SMA/TNC Cable Kit (Active)
ISD945	IsatDock / Oceana 80m SMA/TNC Cable Kit (Active)
ISD946	IsatDock / Oceana 90m SMA/TNC Cable Kit (Active)
ISD947	IsatDock / Oceana 100m SMA/TNC Cable Kit (Active)
RST055	UPS Battery Pack



SMS | POTS/RJ11 | USB | SIM (Rear) | Data | Signal Strenth

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