inmarsat

Oceana 400



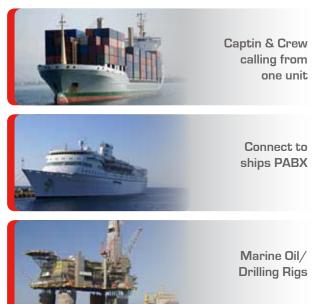
Oceana 400 is a slimline terminal purposely designed for use in maritime applications where the simplest access to reliable voice and data communications services is required.

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



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

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- 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

TECHNICAL SPECIFICATIONS

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 SPECIFICATION	IS		
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 Ap Industry Canada, (proval, FCC, CE Compliance, Electrical Safety, RoHS, 2-Tick	
0	ainst dust limited ingress (no harmful deposits). ainst direct sprays of water up to 60° from the vertical.	
KIT CONTENTS		
Oceana 400 Terminal		
ISD710 Maritime Antenna (Active)		
110-240V AC Plu	ig Pack, 15V DC Out	
10-32V DC Powe	r Cable	
USB Cable		
2 x Screws for wall mounting		
User Manual, Quid	ck 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)	
ISD942 ISD943	, , , , ,	
	IsatDock / Oceana 50m SMA/TNC Cable Kit (Active)	
ISD943	IsatDock / Oceana 50m SMA/TNC Cable Kit (Active) IsatDock / Oceana 60m SMA/TNC Cable Kit (Active)	
ISD943 ISD944	IsatDock / Oceana 50m SMA/TNC Cable Kit (Active) IsatDock / Oceana 60m SMA/TNC Cable Kit (Active) IsatDock / Oceana 70m SMA/TNC Cable Kit (Active)	
ISD943 ISD944 ISD945	IsatDock / Oceana 50m SIMA/TNC Cable Kit (Active) IsatDock / Oceana 60m SIMA/TNC Cable Kit (Active) IsatDock / Oceana 70m SIMA/TNC Cable Kit (Active) IsatDock / Oceana 80m SIMA/TNC Cable Kit (Active)	









Supplied by:



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Model: 0C400