



BEAM Oceana and Terra Terminals

These new terminals will operate over the Inmarsat-4 satellite network



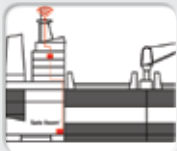
Oceana and Terra Key Features

Comparing the 400 and 800 terminals.



Product Update

The RST055A UPS Battery Pack



Feature Product

BEAM Covert Piracy Bundle Solution for the Iridium and Inmarsat Networks



What's New

SHOUT Nano, Iridium's new handheld tracker



SatDOCK reliable on the road

An account from Maxidale Pty Ltd a devoted SatDOCK user



BEAM Employee

Meet our lovely Office Coordinator Natasha Sumonja



BEAM @ CommunicAsia 2011

The event was held in Singapore at the Marina Bay Sands Hotel

BEAM Oceana and Terra Terminals to Operate on Inmarsat-4 satellite network

In addition to BEAM's existing line of Inmarsat products, the NEW Oceana terminals for maritime applications and Terra terminals for land applications are a low-cost, phone system that operates over the Inmarsat GPS network interface (GMR2+ Inmarsat-4 Satellite Network).

Both Oceana 800 and Terra 800 allows the flexibility of using a privacy mode handset built in to the terminal and all four units have RJ11/POTS connectivity, supporting cable runs of up to 600m (2000 feet).



Oceana 400



Oceana 800



Terra 400



Terra 800

The terminals have an in-built power supply to support the use of powered GPS antenna system. The existing BEAM Antennas ISD700 - Directional/Fixed Antenna (Passive) is included in the Terra kits and ISD710 - Maritime Antenna (Active) is included in the Oceana Kits. The user interface is a keypad and LCD display for the Oceana 800 and Terra 800, and initial configuration via Windows based program connected to the users USB port.

- The 400 terminals have the same slimline design and high quality IP53 rated enclosure (when wall mounted) featuring an intelligent RJ11/POTS interface, to support standard ring, busy and dial tones and the ability to integrate to a PABX system. It supports call and messaging and basic SMS (via USB Port).
- Oceana 800 and Terra 800 are both designed and built with IP54 rating protection, made from durable ABS/PC plastic. The terminals can be wall or desk mounted and provides a single unit solution that will accept a 10-32V DC input as well as providing DC power for the use of an active GPS antenna if required.
- The Oceana 800 and Terra 800 will have two SIM card compartments for convenience, to allow for a default "Captain" SIM to be permanently installed Rear SIM Port, while a "Slide-in-SIM" Side SIM port (which accepts a full size credit-card style SIM) allows casual "per-user" calls.
- ONLY the Oceana 800 terminal includes Instant Message and Tracking via SMS. This function is via a 2-wire alert connector and wire loom, and adds the software functionality for tracking and instant messaging. The internal SD Flash memory provides long term logging capability. It also includes on the front keypad an Instant Message button (under a guard cover) activating / clearing of alerts and a Track button function for triggering current position message.
- The Terra terminals are designed to operate with the Inmarsat IsatPhone Link Service and the Oceana terminals are designed to operate with the Inmarsat FleetPhone Service.
- For more information visit www.beamcommunications.com

Oceana and Terra Key Features

Features	Oceana 800	Oceana 400	Terra 800	Terra 400
Inmarsat Service Package				
Supports Fleet Phone service package	✓	✓		
Supports Link Phone service package			✓	✓
Antenna System				
Includes Active ISD710 Marine antenna	✓	✓		
Must use Active cable kits	✓	✓		
Includes Passive directional ISD700 antenna			✓	✓
Must use Passive cable kits			✓	✓
RJ11/POTS Interface on Dock				
POTS / RJ11	✓	✓	✓	✓
Supports integration with a PABX	✓	✓	✓	✓
Supports 5 Corded / Cordless & DECT H/Sets	✓	✓	✓	✓
Dial, Ring and Busy tones	✓	✓	✓	✓
Supports up to 600m / 2000' of RJ11	✓	✓	✓	✓
Auto Dials and Speed dials available	✓	✓	✓	✓
Phone Features				
Colour LCD display	✓		✓	
Supports Phone Book feature	✓		✓	
Handsfree Speakerphone	✓		✓	
Active Privacy handset included	✓		✓	
SMS Short Message Service	✓		✓	
Bluetooth headsets supported (not included)	✓		✓	
Single SIM card enclosure		✓		✓
Dual SIM card enclosures	✓		✓	
USB Data Port	✓	✓	✓	✓
Tracking / Instant Messaging				
Dedicated In built GPS	✓			
Supports periodic position messages	✓			
Manual Position send via Track Button	✓			
Instant Priority Position Message Button	✓			
Remote position polling via SMS	✓			
Digital I/O x 1 (can be 2 x outputs)	✓			✓
Mechanical				
IP 54 Ingress Rating	✓		✓	
IP 53 Ingress Rating (wall mounted)		✓		✓
TNC – GPS / SMA – GPS on Dock	✓	✓	✓	✓
Locking bolt for wall mounting	✓		✓	
Wall or Desk Mountable	✓	✓	✓	✓
Status LED – Registration / Signal / Call	✓	✓	✓	✓
Cable routing LHS / TOP / BOTTOM	✓		✓	
Power & Other				
10 - 32V DC Power Input	✓	✓	✓	✓
Includes 110/240V AC Plug Pack	✓	✓	✓	✓
Includes DC Power Cable	✓	✓	✓	✓
12 months warranty	✓	✓	✓	✓
External Device Port (future use)	✓		✓	



The RST710 **Marine Antenna (Active)** comes packed with the Oceana 400 and Oceana 800 terminals.



The RST700 **Directional/Fixed Antenna (Passive)** comes packed with the Terra 400 and Terra 800 terminals.

Product Update - RST055A UPS Battery Pack



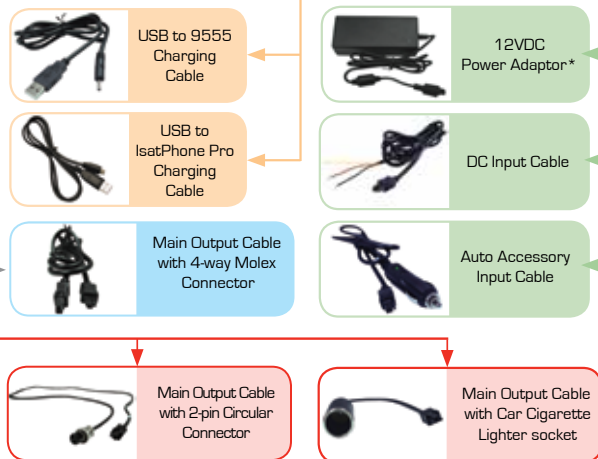
The UPS standard pack have different standby and talk time depending on the product it is applied to. The battery is so versatile you can even use it to charge your mobile or iPhones via a USB connection.

KEY FEATURES / BENEFITS

- Output USB 5V or 15VDC Terminal Connector
- Robust yet portable mechanical design with aluminum enclosure
- Provides back-up power to the Iridium 9555 phone, Beam Terminals/Accessories as well as most USB chargeable portable devices including iPhone®*
- Push button remaining battery capacity LEDs
- Can power external device whilst charging
- Over-current protection
- Can be powered directly from a vehicle's wiring or cigarette lighter socket or via the included AC Plug Pack



OPTIONAL ACCESSORIES



* Local power cable required

* iPhone® is a registered trademark of Apple Corporation

BEAM Iridium Equipment

Product	Talk Time (Up To)	Stand by time (Up To)
RapidSAT 9555	10 hours	20 hours
RapidSAT LBT	12 hours	17 hours
RST425 Data Modem	54 hours	245 hours
RST600 Data Modem	24 hours	65 hours
RST620 Fixed hands free kit	15 hours	17 hours
IridiTRAK	54 hours	65 hours
IridiTRAK with Man Down	49 hours	57 hours
LeoTRAK RST470	39 hours	75 hours
LeoTRAK RST480	39 hours	75 hours

BEAM Iridium Docks

Product	Talk Time (Up To)	Stand by time (Up To)
Iridium 9555 Handset	36 hours	360 hours
SatDOCK-G 9555	11 hours	116 hours
SatDOCK-G 9555 with DPL	9 hours	29 hours
SatDOCK-G 9555 with Man Down	10 hours	94 hours
PotsDOCK 9555	15 hours	90 hours
SatDOCK 9555	5 hours	35 hours
SatDOCK 9555 with DPL	4 hours	18 hours
IntelliDOCK 9555	16 hours	196 hours

BEAM Inmarsat Docks

Product	Talk Time (Up To)	Stand by time (Up To)
IsatPhone Pro	8 hours	100 hours
IsatDock MARINE	12 hours	22 hours
IsatDock PRO	12 hours	22 hours
IsatDock with Passive antenna	18 hours	22 hours
IsatDock DRIVE	12 hours	22 hours
IsatDock DRIVE with Man Down	11 hours	22 hours
IsatDock LITE	12 hours	22 hours
IsatDock LITE with Passive antenna	20 hours	22 hours

BEAM Inmarsat Terminals

Product	Talk Time (Up To)	Stand by time (Up To)
Oceana 800	11 hours	30 hours
Oceana 400	11 hours	30 hours
Terra 800	20 hours	35 hours
Terra 400	20 hours	38 hours

Important Note: All times are calculated assuming that the RST055A and handheld phones (where applicable) are fully charged and connected to the equipment at all times.

Feature Product - BEAM Covert Piracy bundle solutions

BEAM Communications has developed an Anti-Piracy solution to ensure that communication is not broken down or lost when all power or communication equipment on board a vessel has been cut off or destroyed by pirates. There are two available solutions (1) The Inmarsat GSPS network and (2) The Iridium Network.

The solution uses a covert antenna designed to be undetected. Along with the BEAM IsatDock MARINE for the Inmarsat IsatPhone Pro handset or the BEAM PotsDOCK 9555 for the 9555 handset, it provides an overall feature rich solution including:

1. Voice calling - supports standard corded/cordless phones with runs of up to 600m / 2000ft with multiple handsets if required
2. Tracking - in-built GPS engine enables tracking and monitoring and uses a compact covert GPS antenna separate from the vessels GPS standard antenna
3. Emergency Alert - Panic/Duress buttons on the unit or installed in various locations to trigger an emergency alert.

The BEAM Covert Piracy Solution is a complete bundled installation that provides an immediate contact/message under threat with the added ability to be able to make or receive a telephone call from the "safe room" at any time.

Tracking messages can be sent via the following means;

1. Periodic position reporting, preset during configuration of the terminal
2. Upon an alert being activated via the Alert button on the cradle or connected alert button
3. A current location position can be sent at any time by simply pressing a button on the front of the unit

Alert/Alarm messages can be easily activated on the unit or alternatively additional alert buttons can be installed throughout the vessel to trigger and alert. Once configured the alert system is always on and will generate an alert message to the preset destination once triggered.

The RST055A UPS back-up battery that comes with the package will assist in having continuous power even of the main power has been cut off. Check the Standby and Talk time for the IsatDock MARINE and PotsDOCK 9555 on the previous page.

The BEAM Covert Piracy Solution is available exclusively through the **Stratos Global** and **Vizada** worldwide offices.



Covert Piracy Bundle for Inmarsat IsatPhone Pro



- 1) IsatDock MARINE 2) BEAM Covert Antenna 3) UPS Battery Pack 4) 110-240V AC plug pack 5) Alert Button 6) 50m Alert wire 7) 18.5m Antenna cable kit

Note: IsatPhone Pro sold separately

Covert Piracy Bundle for Iridium 9555 handset



- 1) PotsDOCK 9555 2) BEAM Covert Antenna 3) UPS Battery Pack 4) 110-240V AC plug pack 5) Alert Button 6) 50m Alert wire 7) 12m Iridium and GPS antenna cable kit

Note: Iridium 9555 handset sold separately

What's New...SHOUT Nano

The SHOUT Nano is a handheld, global, two-way satellite messaging and personal tracking device. It utilizes Iridium's short burst data (SBD) service to provide location information determined by a GPS receiver, two-way inbound and outbound status, text messaging, and emergency/alert notifications.

The nano offers a variety of services including:

- Normal Tracking — programmed to automatically wake up and send a position report at a set interval ranging from continuous to once every seven days.
- Emergency Alert — sends alerts to a designated monitoring center using a 911 button. The monitoring center and the user can then communicate to define further specifics of the emergency.
- Free-Text Messaging — sends free-text via three different sets of on-screen keyboards.
- Canned Text Messaging — sends canned (pre-defined) messages in short codes to save bandwidth instead of the entire message body.
- Waypoint Tracking — sends and/or saves waypoints (interested landmarks) for later retrieval.
- Check-In — allows a quick check-in message to be sent using a single soft key.



BEAM SatDOCK 9555 proves to be reliable on the road

Rory Byrne, Maxidale Pty Ltd

My work involves a lot of travelling widely across Australia, covering many of the unsealed roads of the country, where it would be impossible to get any GSM network coverage.

I knew I had to install a reliable, in-vehicle solution that allows handsfree communication and after having installed and used the Beam SatDOCK 9555 for the last 14 months, I am only happy to say that the support and reliability that I have received has been exceptional.

The industry I work in is Non Destructive Testing, and the nature of work involves analyzing and evaluation of materials and components. My travels have taken me to remote areas of Australia, inspecting and testing welded joints on cross country pipelines. The fresh tracks that are constructed for access can be very rough and dusty and I believe that the SatDOCK 9555 in the vehicle has stood up to its testament with its tough exterior construction and reliability of the unit.

Summing up I now have a phone that when secured in the SatDOCK 9555 provides me a reliable service, a stronger signal strength and having the battery always charged gives me the peace of mind and confidence at work that in a case of emergency or incident I have a tool that could make a difference.



Did you know....

1. You can order custom Cable Kits for BEAM Inmarsat Antennas up to 100 metres for Active cables and 50 metres for Passive cables. Allow up to 4-6 weeks delivery time.

Active Antenna Cable Kit (Special Order)

- ISD942 50m cable kit (Active)
- ISD943 60m cable kit (Active)
- ISD944 70m cable kit (Active)
- ISD945 80m cable kit (Active)
- ISD946 90m cable kit (Active)
- ISD947 100m cable kit (Active)

Passive Antenna Cable Kit (Special Order)

- ISD939 30m cable kit (Passive)
- ISD940 40m cable kit (Passive)
- ISD941 50m cable kit (Passive)

2. The latest Iridium and Inmarsat firmware can be found on BEAM's website under support. Just enter

www.beamcommunications.com/support/iridium OR www.beamcommunications.com/support/inmarsat

Natasha Sumonja - Operations Coordinator



One of our long time residents here at BEAM Communications, our lovely Operations Coordinator Natasha, who's been at the forefront of the business for the last 6 years, you may recognize her as the VOICE of the company.

She's an all-rounder with many talents, having to manage the warehouse (and at odd times be the storeperson.... we've had no complaints from our couriers at all!), inventory, purchasing, invoicing, administration, reception and all paperwork for customer orders going out. Her previous jobs at Repco Distribution Centre, and logistics company has certainly allowed her to blossom in the Role. She's quite a loyal employee who says that "I enjoy working for BEAM because I work with great people."

When asked what would be her ideal job, she says "Its not an ideal job as such, more so my dream job would be to work on a travel show like Getaway...or to be designing Fashion!" We'd like to think of her as our Fashion model at work, owning over 100 pairs of shoes! After all, in her spare time, she loves shopping. But apart from that Natasha also enjoys salsa dancing.

Her favourite food is Mexican and her best trait is keeping secrets!

If you have any orders to process, you can always call Natasha on +61 3 8588 4500 or email Natasha on natasha.sumonja@beamcommunications.com



BEAM @ CommunicAsia 2011, Singapore

by Reiny Gajewsky, VP Global Sales



Beam had their first stand at CommunicAsia this year, held at the Marina Bay Sands, Singapore and was a great success! Located a little off the beaten track on B2, some customers had a little difficulty in locating us, but once they did, it made the trip worthwhile!

Beam had on show all of our Iridium solutions as well as the Inmarsat docks and the soon to be launched Inmarsat Oceana and Terra models. Feedback on these was nothing short of fantastic, and everyone loved the look and especially the feel of the new products. We had many visitors during the show, with a great turn out from Singtel, Iridium, Inmarsat, SatCom Global, AST and Arion just to mention a few, plus many other dealers and customers as well. The week went very quickly and the evenings were mainly spent enjoying Singapore black pepper crab...Hmmm yummy!

We were very lucky to stay at the new Marina Bay Sands, which is a spectacular hotel and if you are ever in Singapore, make sure you go the 57th floor and check out the infinity swimming pool, it's truly amazing!

The next big event for Beam will be the Inmarsat Global partner conference in Barcelona in November, so hope to see you all there!

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