PotsDOCK Extreme

EXTRMPD

RJ11/POTS	Bluetooth	SOS	Tracking	Ringer	Mute	USB

BEAM

BEAM PotsDOCK Extreme

EXTRMPD

▶ **RJ11/POTS Interface**

▶ **Use standard phone equipment**

▶ **SOS Alert Notification**

▶ **Extreme Tracking**

▶ **Bluetooth connectivity**

▶ **Integrate to a PBX**

▶ **Support external GPS Antenna**

BEAM's **PotsDOCK Extreme** is a compact docking station specifically designed to support RJ11, Bluetooth and tracking. **PotsDOCK** allows the Iridium Extreme handset to be connected with an RJ11/POTS interface enabling standard corded, cordless or DECT handset connection or alternatively interfaced with a PBX system presenting standard ring, busy and dial tones like a standard phone network.

PotsDOCK Extreme provides extra features such as Bluetooth for voice connectivity along with tracking and alert which can be configured to support periodic polling or emergency alert reporting.

The Iridium Extreme handset fits securely in the docking station with an easy click to lock mechanism that can be inserted and removed with a press of a button. It is purposely built to allow you to utilize the SOS emergency, with an inbuilt GPS coupling capability that allows you to connect an external GPS antenna to the dock.

PotsDOCK also supports the use of an optional compact BEAM Privacy Handset that can be attached next to the **PotsDOCK** for added convenience if required.

The dock features phone charging, a USB connection for data connection, integrated antenna, data and power connection making it possible to keep all antenna cables and power permanently connected to the dock making it ready for use at all times.

KEY FEATURES

▶ **PotsDOCK Extreme CRADLE**
- Securely holds Iridium Extreme handset
- Robust design and construction
- Charges Iridium Extreme handset ready for use
- Integrated antenna connection, Iridium & GPS
- USB connectivity

▶ **POTS/RJ11**
- Supports standard cordless & corded telephones (5 REN)
- POTS phone can be run 600m (2000 ft) from unit
- Easily integrated to PBX system
- Ring, busy & dial tones
- Superior voice quality
- Call number processing & quick dial

▶ **TRACKING**
- Triggering of Quick GPS
- Interfaces to Iridium LBS Portals
- Supports Extreme SOS

▶ **PANIC/ALERTS**
- Interfaces to Iridium LBS Portals
- Option of additional external wired alert buttons

▶ **INTEGRATED BLUETOOTH®**
- Bluetooth® in-built to docking unit
- Supports Bluetooth® voice connection

▶ **IN-BUILT RINGER**
- In-built ringer for enhanced ring indication

▶ **VOICE, DATA, SMS, SBD**
- Supports all Iridium voice, data, SMS, and SBD services
- Access to prepaid, post paid & crew calling

▶ **PRIVACY HANDSET (Optional, RST755)**
- Supports optional BEAM privacy handset
- Auto sensing answer/hang-up intelligence

▶ **INSTALLATION**
- Supports 9 - 32V DC power input
- Flexible installation via universal mount (RAM)
- Supplied with 100 - 240V AC/DC Plug pack

▶ **QUALITY**
- Professional industrial design
- 2 year replacement guarantee
- 100% factory tested
- Fully certified, Iridium, RoHS, CE, AS/EN60950

In-Building

Position Reporting

Motor Homes / Recreational Vehicles

Emergency Services

Cruise Ship / Large Vessels

TECHNICAL SPECIFICATIONS

POWER SPECIFICATIONS

Rated Input	9-32V DC, 2A max
AC Power Pack	100-250V AC 50-60Hz, Output15V DC 60W
Average Power Consumption	Current @ 15VDC, Watts
Standby	75mA 1.1W
Transmit + Charging	0.4A 6W
Sleep Mode	25mA 0.3W

INTERFACES

RJ11/POTS	RJ11 connector / 2-wire, up to 600m. Auto Impedance - or country selectable. Adjustable Dial & Busy Tones. Ringer output 56Vrms, 5REN load. Adjustable Ringer Frequency / Cadence.
Privacy Handset (Line In/Out)	4-pole 3.5mm jack, ground referenced in/out with cup-switch. In biased with ~2Vdc via 2k2. Out 40mW power into 16-32Ω.
Data Port (USB)	USB mini-B 5-pin female (USB Slave). USB 2.0 compliant, CDC serial profile.
Alarm (Alert) Loop 1 input, 1 output	Alarm Mode: "Normally-Closed" Loop IN to OUT Up to 50m cable run/ multiple buttons in series. Brown wire is Input, Green wire is Output.
Power Cable	4-way microfit socket. +Vin, 0V (GND), and ACC (On/Off Sense). 9-32VDC tolerant. ACC sense: High(1) > +7Vdc and < +32Vdc Low (0) 0V < +5Vdc

KIT CONTENTS

PotsDOCK Extreme
Universal Mounting Bracket (RAM)
AC/DC Power Adaptor
DC Power Cable/Fuse Kit
Quick Start Guide
User Manual

ENVIRONMENTAL

Operate Temp. Range*	PotsDOCK Extreme -20°C to +70°C Extreme Handset -10°C to +55°C
Charging Temp. Range#	0°C to 45°C
Operating Humidity Range	< 85% RH non-condensing
Storage Temperature	-30°C to +85°C
Weight	Cradle 0.45kg (1.0 lbs)
Atmospheric Protection	Conformal Coating to Circuit Board Assy
EMC Compliance	EN301489-1/-20
RoHS	Full compliant RoHS Directive EU 2002/95/EC (All 6 substances)
WEEE	For EU countries, this product must be collected separately from household waste, as defined in each region. This product must not be discarded together with household waste.
Flame Retardant	UL94.0
Safety - SELV	AS/NZ 60950-1

* When 9575 Battery is fully charged
\# Derived from the charging temperature range of the Iridium 9575 handset battery.

BLUETOOTH® MODULE (INTERNAL)

System	Bluetooth® 2.0v+EDR (Enhanced Data Rates), 802.11 coexistence.
Profiles	**HFP** - Hands-Free Profile v.1.5 **HFP-AG** - Hands-Free Audio Gateway Profile v.1.5 & **SPP** - Serial Port Profile
Power	Default = Class 2 (< 10 metres). 2.4GHz - 2.4835GHz Unlicensed ISM Band
Antenna	Integrated chip antenna
Regulatory	Bluetooth® identifier: B03005. CE 89/336/EEC - #EC/2006/20013C. FCC part 15 class B: PotsDOCK contains Transmitter Module FCC ID: Q0QWT11. Canada: Cert# 5123A-BGTWT11E Japan:07215089/AA/00
Legal	The Bluetooth® word, mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Beam Communications is under license. Other trademarks and trade names are those of their respective owners.

ACCESSORIES

RST710	Iridium Mast Mount Antenna
RST714	Iridium Whip Antenna
RST715	Iridium Magnetic Mount
RST720	Iridium Bolt Mount Antenna
RST702	Dual Mode Iridium/GPS Mast Antenna
RST705	Dual Mode Iridium/GPS Magnetic Antenna

RST755	Beam Privacy Handset Kit
RST932	Antenna Cable 6m / 18f
RST933	Antenna Cable 12m/36f
RST410	Emergency push Button / cable
RST055A	UPS Battery Pack