PotsDOCK 9555
9555PD

| Voice | RJ11/Pots | Data | GPS | Tracking |

BEAM

iridium PotsDOCK 9555

9555PD

- **Global Coverage**
- **Alert Notification**
- **In-built Tracking GPS**
- **RJ11/POTS Interface**

PotsDOCK 9555 is an intelligent compact docking station specifically designed for the Iridium 9555 satellite handset. PotsDOCK allows the 9555 handset to be used in a wide variety of applications using an intelligent RJ11/POTS connectivity that supports standard corded, cordless or DECT handsets, or alternatively interfaced with a PBX system.

PotsDOCK also has an in-built Bluetooth® module for voice connectivity along with an intelligent tracking and alert reporting system that can be easily configured to support periodic polling or emergency alert reporting.

The cleverly designed **PotsDOCK** cradle simply and securely docks the Iridium 9555 handset into place ready for use and fully integrates antenna, power and data connectivity into a single streamline unit.

The 9555 handset is easily inserted and removed by the press of a button on the top of the dock, making it very easy for use out of the dock at anytime.

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

In-Building

Motor Homes / Recreational Vehicles

Cruise Ship / Large Vessels

Position Reporting

Emergency Services

KEY FEATURES

▸ **POTSDOCK 9555 CRADLE**
- Securely holds 9555 handset
- Robust design and construction
- Charges 9555 handset ready for use
- Integrated antenna connection
- Integrated USB connectivity

▸ **POTS/RJ11**
- Supports standard cordless & corded telephones (5 REN)
- RJ11 can be run 600m (2000 ft) from unit
- Corded, cordless or DECT handsets
- Easily integrated to PBX system
- Ring, busy & dial tones
- Superior voice quality

▸ **TRACKING/GPS**
- Tracking & alert monitoring capable
- Periodic position reports or remotely polled
- Triggered position status message
- In-built GPS engine
- Also compatible with other tracking applications

▸ **PANIC/ALERTS**
- Panic alert button in-built to cradle
- Option of additional wired alert buttons

▸ **INTEGRATED BLUETOOTH®**
- Bluetooth® in-built in cradle
- Supports Bluetooth® voice accessories

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

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

▸ **PRIVACY HANDSET**
- Supports optional Beam privacy handset
- Auto sensing answer/hang-up intelligence

▸ **INSTALLATION**
- Supports 9 - 32V DC power input
- Flexible installation via universal mount, also suitable for wall mounting
- Supplied with 110 - 240V AC Plug pack
- Handset always charged ready for use

▸ **QUALITY**
- Professional industrial design
- 2 year peace of mind with a replacement guarantee
- 100% factory tested
- Full certified, Iridium, RoHS, CE, IEC60945

TRACKING / ALERT MONITORING

PotsDOCK has an in-built GPS module that can provide simple tracking, monitoring and alert management in various applications within various types of vehicles, vessels or fixed site locations.

The GPS provides pinpoint accuracy and enables tracking worldwide. Tracking and alert messages can be sent via SMS or Short Burst Data, if provisioned on the handset.

PotsDOCK's tracking and alert messages can be simply sent via SMS or email address as required.

Tracking messages can be sent from the **PotsDOCK** 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 pressing the Track button on the front of the **PotsDOCK**

Alert/Alarm messages can be activated on the **PotsDOCK** using the two button press on the front of the cradle or alternatively an additional alert button or other trigger can be connected to the unit.

Once configured the alert system is always on and will generate an alert message to the preset destination once triggered. Alerts can be triggered to continually send until the alert is cleared either remotely or locally on the **PotsDOCK** unit.

EQUIPMENT OVERVIEW

EJECT Button

9555 Handset Antenna Plug

RJ11 Port

3-Button Panel Interface

Mini USB Data Port

TECHNICAL SPECIFICATIONS

IRIDIUM NETWORK	
9555 Handset	1616 - 1625 MHz
Compressed Data	10 - 12 kbps
Voice/Data Modulation	2.4 kbps

POWER SPECIFICATIONS	
Power input voltage	9 - 32 V DC, 2A max
Power Consumption at 12V DC	
Stand-by (when battery charged) - incl handset & RJ11	1.1W (90mA @ 12Vin)
Transmit - incl handset & RJ11	6W (0,5A @ 12Vin)

GPS MODULE	
Channels	14 tracking, 51 Channel Acquiring
Update Rate	1Hz
Accuracy	Position 2.5mCEP, Velocity 0.1m/s, Timing 300ns
Acquisition TTFF	Cold 29sec, Hot 1sec
Sensitivity	−161 dBm
Operational Limits	Altitude 18000m , Velocity 515m/s
Dynamics	4G

PHYSICAL SPECIFICATIONS	UNIT ONLY	PACKED
Dimensions - mm	200 x 75 x 65	325 x 140 x 88
Dimensions - inches	7.9 x 3.0 x 2.6	12.8 x 5.5 x 3.5
Weight - kg	0.32	1.3
Weight - lbs	0.7	2.86

ENVIRONMENT SPECIFICATIONS		
Operating Temperature	-30 to +70 °C	-22 to +158 °F
Storage Temperature	-40 to +85 °C	-40 to 185 °F
Humidity	93% non condensing	

I/O ALARM / ALERT	
Alert Button	In-built on PotsDOCK - 2 Key Press
1 x Alarm Loop	Bare Wire - "Normally Closed" Loop IN to OUT Up to 500m cable run/multi buttons
Track	Inbuilt - single key press

CONNECTORS/INTERFACES	
POTS/RJ11	RJ11/2-wire, complex or 600 Ω, 5REN, 600m adjustable dial/busy tones/frequency, adaptive Z
Iridium - Antenna	Fixed Cable to TNC-Female
GPS-Antenna	Fixed Cable to SMA-Female
9-32 V DC	4-way microFit (AC/DC adator, or DC lead)
Privacy Handset Port	4 pole 3.5mm jack
Data Port	USB Mini Base of Dock
Bluetooth® Voice only	Inbuilt module/antenna, class 1 (up to 300m) Bluetooth® system 2.0v+EDR, CE and FCC

BUTTONS/LEDs	
Bluetooth®	Blue/Orange
Alert	Red/Orange
Mute/Ringer	Red
Backlight	White LED
Handset Release	Top of Cradle, No LED

CERTIFICATIONS
Iridium Approved
Electrical Safety
EMC Compliance
CE Compliance
RoHS
C Tick
Independant Aeronautical certification **MUST** be gained prior installation

KIT CONTENTS
Beam PotsDOCK Cradle
Universal Mounting Bracket (RAM)
110 - 240V AC Plug Pack
9 - 32V DC Power Cable
Quick Start Guide
User Manual

ACCESSORIES

RST702	Dual Mode Iridium/GPS Mast Mount Antenna
RST705	Dual Mode Iridium/GPS Magnetic Mount with 6m of cable
RST710	Iridium Mast Mount Antenna
RST715	Iridium Magnetic Mount incl 5m of cable
RST725	Bluetooth® Headset incl car charger

RST755	Beam Privacy Handset
RST932	6m/18ft Iridium Cable Kit
RST933	12m/36ft Iridium Cable Kit
RST942	6m/18ft GPS Cable
RST923	12m/36ft GPS Cable

APPROVED BEAM RESELLER

www.beamcommunications.com

+61 3 8588 4500

+61 3 9560 9055

info@beamcommunications.com

9555PD_REV02_04/13

AFRICA   ASIA   AUSTRALIA   EUROPE   MIDDLE EAST   NORTH AMERICA   SOUTH AMERICA