

PotsDOCK 9555

9555PD

LAND Solutions

SEA Solutions



PotsDOCK 9555 9555PD



PotsDOCK 9555 is an intelligent compact docking station specifically designed for the Iridium 9555 satellite phone. PotsDOCK allows the 9555 phone 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 phone into place ready for use and fully integrates antenna, power and data connectivity into a single streamline unit.

The 9555 phone 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.

KEY FEATURES

- Slim line compact installation
- Integrated Bluetooth connectivity
- RJ11/POTS interface
- Voice, SMS, SBD and Circuit Switched Data capable
- Inbuilt tracking and SOS
- USB data interface
- RS232 D9 Serial Interface
- Accessory/Ignition sense
- 9-32V DC power input
- TNC and SMA for GPS
- Full certified, Iridium, RoHS, CE, IEC60945
- 2 year repair or replacement warranty

* Iridium 9555 Satellite Phone sold separately.

** Pictured with a privacy handset, optional.



rj11/pots



pabx
integration



bluetooth



privacy
handset*



gps



tracking



docking



charging



ringer



mute



usb



external IO



alert

* optional

Technical Specifications

IRIDIUM NETWORK		
Voice/Data Modulation	2.4 kbps	
Compressed Data	10 - 12 kbps	
9555 Satellite Phone	1616 - 1625 MHz	
POWER		
Rated Input		9-32V DC, 2A max
AC Power Pack	90-250V AC 50-60Hz	Output 12V 45W
Average Power Consumption	Current @ 12V	Power Watts
Standby, handset + RJ11	90mA	1.1W
Transmit, handset + RJ11	0.5A	6W
Sleep Mode	25mA	0.3W
PHYSICAL		
Dimensions	mm	inches
Unit	200 x 75 x 65	7.9 x 3.0 x 2.6
Packed	325 x 140 x 88	12.8 x 5.5 x 3.5
Weight	kgs	lbs
Unit	0.32	0.7
Packed	1.3	2.86
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating Range PotsDOCK	-20° to +70°	-4° to +158°
Operating Range 9555 Phone	-10° to +55°	+14° to +131°
Charging Temp. Range	0° to +40°	+32° to 113°
Storage Temperature	-30° to +70°	-22° to 158°
Operating Humidity Range	< 85% RH non-condensing	
CONNECTORS/INTERFACES		
Iridium Antenna	Fixed Cable to TNC-Female	
POTS/RJ11	RJ11/2-wire, complex or 600 Ω, 5REN, 600m adjustable dial/busy tones/frequency, adaptive Z	
GPS Antenna	Fixed Cable to SMA-Female	
9 - 32VDC	4-way microFit (AC/DC adator, or DC lead)	
Bluetooth Voice Only	Inbuilt module/antenna, class 1 (up to 300m) Bluetooth® system 2.0v+EDR, CE and FCC	
Privacy Handset Port	4 pole 3.5mm jack	
Data Port	USB Mini Base of Dock	

I/O ALARM / ALERT	
Track	Inbuilt - single key press
1 x Alarm Loop	Bare Wire - "Normally Closed" Loop IN to OUT Up to 500m cable run/multi buttons
Alert Button	In-built on PotsDOCK - 2 Key Press
BLUETOOTH® MODULE (INTERNAL)	
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.
Regulatory	Bluetooth® identifier: B03005. CE 89/336/EEC - #EC/2006/20013C. FCC part 15 class B: SatDOCK contains Transmitter Module FCC ID: QOQWT11. Canada: Cert# 5123A-BGTWT11E Japan Standard: R 201 NY 07215089
Antenna	Integrated chip antenna
Power	Default = Class 2 (< 10 metres). Class 1 (<100 metres), +18dBm max. 2.4GHz - 2.4835GHz Unlicensed ISM Band
Profiles	HFP - Hands-Free Profile v.1.5 HFP-AG - Hands-Free Audio Gateway Pro-file v.1.5 & SPP - Serial Port Profile
System	Bluetooth® @ 2.0v+EDR (Enhanced Data Rates), 802.11 coexistence.
GPS MODULE (INTERNAL)	
Channels	14 tracking, 51 Channel Acquiring
Update Rate	1Hz
Accuracy	Position 2.5mCEP, Velocity 0.1m/s
Acquisition TTFF	Timing 300ns
Sensitivity	Cold 29sec, Hot 1sec
Operational Limits	-161 dBm
Dynamics	Altitude 18000m , Velocity 515m/s 4G
COMPLIANCE	
EMC Compliance, Iridium, CE Compliance, Electrical Safety, RoHS, C-Tick	
KIT CONTENTS	
9 - 32V DC Power Cable	
Beam PotsDOCK Cradle	
110 - 240V AC Plug Pack	
Universal Mounting Bracket (RAM)	
User Manual & Quick Start Guide	

Accessories

RST060	Beam GoalZERO UPS Battery Pack
RST410	Man Down Kit
RST755EX	Privacy Handset Iridium
ISD951	AC Plug Pack
RST740	Iridium Beam Active Antenna
RST702	Dual Mode Iridium/GPS Antenna
RST703	Iridium/GPS Dual Mode Antenna
RST704	Iridium Aero Dual Mode Antenna - TSO Approved
RST710	Mast/Pole Antenna
RST714	Whip Antenna
RST942	Iridium GPS Cable Kit 6m/19.7ft
RST929	Iridium GPS Cable Kit 9m/29.5ft

RST923	Iridium GPS Cable Kit 12m/39.4ft
RST931	Iridium Antenna Cable Kit Passive 3m/9.8ft
RST932	Iridium Antenna Cable Kit Passive - 6m/19.7ft
RST933	Iridium Antenna Cable Kit Passive 12m/39.4ft
RST935	Iridium Antenna Cable Kit Passive 20m/65.6ft
RST936	Iridium Antenna Cable Kit Passive 30m/98ft
RST944	Iridium Antenna Cable Kit Active 23m/75.5ft
RST945	Iridium Antenna Cable Kit Active 34m/111.5ft
RST946	Iridium Antenna Cable Kit Active 52m/170.6ft
RST947	Iridium Antenna Cable Kit Active 75m/246.1ft
RST948	Iridium Antenna Cable Kit Active 104m/341.21ft



In-Building



Cruise Ships/Large Vessels



Emergency Services



Position Reporting



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APPROVED BEAM RESELLER

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