![inmarsat logo]

IsatDock
PRO

BEAM

IsatDock PRO

ISD Pro

- **Intelligent POTS/RJ11 Interface**
- **Speaker Phone**
- **Active Privacy Handset**
- **High Quality Docking Station**

Beam IsatDock PRO is an intelligent docking station for the IsatPhone Pro specifically designed to support accessing voice services via Bluetooth, RJ11/POTS, handsfree speaker phone or the active privacy handset attached to the unit.

IsatDock PRO allows the IsatPhone Pro handset to be used in a wide variety of applications. The intelligent RJ11/POTS interface enables cable runs of up to 600m to connect standard corded, cordless or DECT handsets to be used or alternatively interfaced with a PBX system presenting standard ring, busy and dial tones like a standard phone network.

The IsatPhone Pro handset, fits securely in the dock which is also key lockable, other features include phone charging, USB data* port, in-built ringer and allows antenna and power to be permanently connected to the dock ready for use. The IsatPhone Pro handset is easily inserted and removed by the press of a button on the top of the dock making it very easy to use away from the dock when required.

* Data services available Q1 2011

Remote Farms/ Communities

Mining Sites

Recreational Vehicles/ Motor Homes

In Building - PBX Integration

BEAM

KEY FEATURES

▶ **DESIGN**

- All in one design
- High quality ABS Plastic
- Single action insertion mechanism
- Key lockable & securable to wall/desk
- Wall or desk mounting options
- Accessible control buttons
- Slimline privacy handset
- Integrated antenna connections
- In-built speaker/microphone
- Cable routing LHS/TOP/BOTTOM

▶ **OTHER KEY FEATURES**

- Active privacy handset
- In-built handsfree speaker phone
- Status LED with adjustable brightness
- USB data* access

▶ **POWER**

- 10-32V DC Input
- 110-240V AC plug pack, included

▶ **BUTTONS ON DOCK**

- Ringer volume up/down
- In-call volume up/down
- Last number redial
- In-call mute
- Speaker/hands free button

▶ **INTELLIGENT POTS/RJ11 INTERFACE**

- Support up to 600m of RJ11
- Dial, Ring & Busy Tones
- Integrated to PABX System
- Support standard corded & cordless phones
- Auto-dial & speed dials available

Charging	Docking	POTS/RJ11	USB	Privacy Handset	Handsfree

RJ11/POTS INTERFACE

PSTN EMULATION

The RJ11/POTS interface emulates PSTN (Public Switched Telephone Network) features and is equipped with off-hook detection, configurable ring, busy & dial service tones.

The IsatDock PRO supports long runs of standard telephone wire and multiple extensions can be connected to the terminal over distances of up to 600m.

PBX INTEGRATION

Use of the intelligent RJ11 interface of the IsatDock PRO enables the easy integration with a PBX system within a building allowing for multiple user access to satellite calls where traditionally satellite reception is not accessible or convenient to use.

PRIVACY HANDSET

The IsatDock PRO comes with a Privacy Handset for voice calls. The handset is compact and provides private conversations in place of handsfree mode.
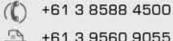
TECHNICAL SPECIFICATIONS

AVERAGE POWER CONSUMPTION CURRENT @ 12V	AVERAGE	WATTS
Power w/o IsatPhone Pro	130mA	1.6W
Standby + Charging	360mA	4.3W
Transmit + Charging	875mA	10.5W
Sleep Mode	5mA	60mW
Peak Current	3.5A	42W

PHYSICAL SPECIFICATIONS		
Dimensions	270 x 189 x 101 (mm)	10.6 x 7.4 x 4 (inches)
Weight - Dock	1445g	3.19lbs
Weight - w/ Dock	2445g	5.39lbs

ENVIRONMENT SPECIFICATIONS		
Operating Range	-30°C to +70°C	-22°F to +158°F
Storage	-35°C to +85°C	-31°F to +185°F
Battery Charging Temp#	0°C to +45°C	32°F to +113°F
Humidity		<= 75% RH

GPS MODULE (INTERNAL)	
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

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 adator, or DC lead)
Privacy Handset Port	RJ9 connector
Configuration/Data*	USB Micro
Speaker phone	In-built speaker/microphone

I/O ALERT/ALARM	
Alert button in-built	Two button press
1x alarm loop	Bare wire - "Normally Closed" loop IN to OUT
Track	In-built single key press

CERTIFICATIONS
Inmarsat
FCC
CE Compliance
Electrical Safety
RoHS
IP54 Rating
Industry Canada
C-Tick
EMC compliance

ACCESSORIES	
ISD700	IsatDock Fixed Passive Antenna
ISD710	IsatDock Transport Active Antenna (Bolt)
ISD715	IsatDock Transport Active Antenna (Magnetic)
ISD932	IsatDock 6m SMA/TNC Active cable kit
ISD933	IsatDock 13m SMA/TNC Active cable kit
ISD934	IsatDock 18m SMA/TNC Active cable kit
ISD935	IsatDock 31m SMA/TNC Active cable kit
ISD936	IsatDock 10m SMA/TNC Passive cable kit
ISD937	IsatDock 20m SMA/TNC Passive cable kit

KIT CONTENTS
Pro IsatDock
110-240V AC Plug Pack
Privacy Handset
10-32V DC Power Cable
Wall Mounting Plate
Handset lock key
User Manual & Quick Start Guide

* Data services available Q1 2011
# It is ideal for the ambient temperature to be approximately 15 degrees below the 45°C upper limit for the handset to charge the battery whilst docked.

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