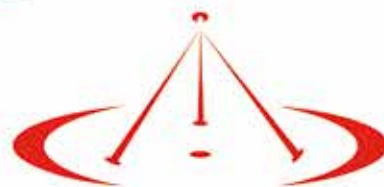


# IsatDock2 MARINE



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## ISD2 MARINE



- ▶ **Intelligent POTS/RJ11 interface**
- ▶ **Supports Personal Alert and Assistance Alert of the IsatPhone 2**
- ▶ **Active privacy handset**
- ▶ **High quality marine enclosure**
- ▶ **Supports External I/O**

BEAM IsatDock2 MARINE is an IP54 rated intelligent docking station for the IsatPhone 2 specifically designed for maritime application. The MARINE Dock supports voice services via Bluetooth, RJ11/POTS, handsfree speakerphone or the active privacy handset. The IsatPhone 2 is completely enclosed in the docking unit whilst still giving full access and functionality to the user.

The IsatDock2 MARINE supports Personal Alert and Assistance Alert functionality of the IsatPhone 2 handset. Personal Alert messages can be triggered via a single button press on the IsatDock2 MARINE. It will instantly send your GPS position as well as your pre-configured message via SMS or email. The MARINE Dock also supports the installation of an external pendant or alert button that can be fitted in a convenient location.

The IsatDock2 MARINE allows the IsatPhone 2 handset to be used in a wide variety of maritime 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 2 handset, fits securely in the dock, its 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.



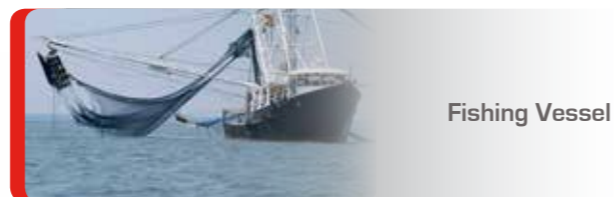
Cargo Vessles



Luxury Yacht/  
Leisure Boats



Marine Oil/  
Drilling Rigs



Fishing Vessel

## KEY FEATURES

- ▶ **DESIGN**
  - All-in-one design
  - IP54 Maritime grade design
  - High quality ABS plastic
  - Enhanced phone/docking mechanism
  - Robust USB & Audio Connection
  - Accessible control buttons
  - Dedicated Personal Alert button on dock
  - Auto sensing off hook Privacy Handset
  - Complete cover over IsatPhone 2
  - Single action insertion
  - Single button release
  - In-built speakerphone for handsfree
  - Wall or desk mounting bracket
  - Cable routing LEFT/TOP/BOTTOM
  - Integrated antenna connection (GPS/GSPS)
  - Easy access to Assistance & Track buttons on IsatPhone 2
  - Best suited for maritime applications
- ▶ **INTELLIGENT POTS/RJ11 INTERFACE**
  - Supports up to 600m of RJ11
  - Dial, ring & busy tones
  - Integrate to PABX System
  - Supports standard corded & cordless phones
  - Auto-dial & speed dials available
- ▶ **POWER**
  - 10-32V DC Input
  - 110-240V AC plug pack, included
- ▶ **BUTTONS ON DOCK**
  - Personal Alert button
  - In-call mute
  - Ringer volume UP/DOWN
  - In-call volume UP/DOWN
  - Speakerphone button
- ▶ **OTHER FEATURES**
  - Charges IsatPhone 2
  - RJ11/POTS interface
  - PABX Integration
  - Supports Assistance Alert & Tracking via IsatPhone 2
  - 2 year repair/replacement warranty
  - Active Privacy Handset
  - In-built handsfree speakerphone
  - Adjustable in-built ringer
  - Mute facility
  - Status LED with adjustable brightness
  - USB data access
  - Includes IsatDock2 adapters (2x)
- ▶ **PERSONAL ALERT & ASSISTANCE ALERT FUNCTIONALITY**
  - **PERSONAL ALERT**
    - Configured on IsatPhone 2
    - Instant Personal Alert button on dock
  - **ASSISTANCE ALERT**
    - Configured on IsatPhone 2
    - Supports external I/O to trigger Assistance Alert via pendant or button activation



Charging



Docking



External I/O  
(Assistance Alert)



Mute



Personal Alert



POTS/RJ11



Privacy Handset



Speakerphone



USB

# TECHNICAL SPECIFICATIONS

AVERAGE POWER CONSUMPTION CURRENT @ 12V	AVERAGE	WATTS
Power w/o IsatPhone 2	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	276 x 208 x 100 (mm)	10.9 x 8.2 x 3.9 (inches)
Weight - Dock	1.67kg	3.67lbs
Total Kit Weight	2.72kg	5.99lbs
ENVIRONMENT SPECIFICATIONS		
Operating Range	-30°C to +70°C	-22°F to +158°
Storage	-35°C to +85°C	-31°F to +185°F
Battery Charging Temp <sup>#</sup>	0°C to +45°C	+32°F to +113°F
Humidity	< =75% RH	
CONNECTORS / INTERFACES		
POTS/RJ11	RJ11 /2-wire, 5REN @ 600m, Adjustable dial, ring, busy tone configured frequency and adaptive impedance.	
BEAM 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	
Speakerphone	In-built speaker and microphone	
I/O Alert		
1x BEAM Alert Loop	Bare wire - "Normally Closed" loop IN to OUT	
Personal Alert	In-built single key press	

CERTIFICATIONS	
Inmarsat Type Approval	
FCC	
CE Compliance	
Electrical Safety	
RoHS	
Industry Canada	
C-Tick	
EMC compliance	
IP54 Rating 5 = Protected against dust limited ingress (no harmful deposits) 4 = Protection against water sprayed from all directions - limited ingress permitted.	
ACCESSORIES	
ISD710	Maritime Antenna (Active)
ISD932	6m SMA/TNC Cable Kit (Active)
ISD933	13m SMA/TNC Cable Kit (Active)
ISD934	18m SMA/TNC Cable Kit (Active)
ISD935	30m SMA/TNC Cable Kit (Active)
ISD938	40m SMA/TNC Cable Kit (Active)
ISD942	50m SMA/TNC Cable Kit (Active)
ISD943	60m SMA/TNC Cable Kit (Active)
ISD944	70m SMA/TNC Cable Kit (Active)
ISD945	80m SMA/TNC Cable Kit (Active)
ISD946	90m SMA/TNC Cable Kit (Active)
ISD947	100m SMA/TNC Cable Kit (Active)
ISD960	IsatDock2 Adaptor
RST055A	UPS Battery Pack
RST410	"Man Down" Pendant Kit
KIT CONTENTS	
IsatDock2 MARINE	
2 x IsatDock2 Adapters	
1 10-240V AC Plug Pack	
Privacy Handset	
10-32V DC Power Cable	
2m Alert wiring loop	
Wall Mounting Plate	
User Manual & Quick Start Guide	

\* It is ideal for the ambient temperature to be approximately 18 degrees below the 45°C upper limit for the handset to charge the battery whilst docked.

APPROVED BEAM RESELLER

[www.beamcommunications.com](http://www.beamcommunications.com)

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ISD2MARINE\_REV01\_01/16

AFRICA

ASIA

AUSTRALIA

EUROPE

MIDDLE EAST

NORTH AMERICA

SOUTH AMERICA