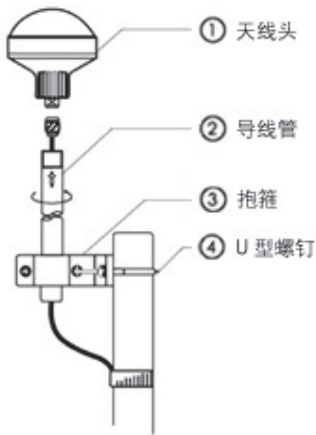


Isatdock2 Outdoor antenna system installation tips



1. 将电缆穿过钢导管②;
2. 将电缆接头和天线接头旋合;
3. 将钢管和天线旋合;
4. 把管路插到架子③中, 并把架子的螺钉固定紧以牢固地固定管路;
5. 固定 U 形螺钉④, 把架子固定在主杆上;
6. 在主杆上用带子把底部电缆固定好;
7. 在底座部分应保留足够的电缆以备今后维修使用。

1. Pass the cable through the steel conduit ②;
2. Screw the cable connector and the antenna connector;
3. Screw the steel pipe and the antenna together;
4. Insert the pipe into the shelf (3), and fasten the screws of the shelf to firmly fix the pipe;
5. Fix U-shaped screw ④, fix the shelf on the main rod;
6. Fasten the bottom cable on the main rod with a strap;
- Seven. Sufficient cables should be kept in the base section for future maintenance.

Satellite antennas, regardless of the size of the aperture, should be erected as far as possible in the local open height, to avoid buildings, iron towers, high-voltage power lines and other obstacles to the antenna beam. There should be sufficient field of view in the direction of the main beam of the antenna, and the Angle of view directly in front of the antenna should be as wide as possible. It is generally required that the antenna base point is used as a reference, and the included Angle Θ is less than 3 degrees for the highest point of the obstacle. The erection point of the satellite antenna, especially the large-aperture antenna, must have a firm foundation to ensure that it can fully carry the load of the antenna itself, and will not collapse or be "rooted" when it is pulled up in strong winds. The satellite antenna should be positioned away from the tuyere to reduce the wind load of the antenna. When the wind load of the antenna is too large, the antenna deformation will affect the receiving effect of the signal.

Acceptance criteria:

1. Antenna installation Angle: There should be no shelter in the space above 45° horizontal
2. Distance from this antenna: A distance of at least 3 meters horizontally and vertically from any Tx antenna should be maintained.
3. Before fixing the antenna, please go to the cabin to check whether the isatphone pro machine maintains at least 3 bars of signal. (If not, please find a relative height with no shielding around, it is best to maintain more than 4 bars of signal)
4. Then make a phone call, the working voltage of the frame is 12-36V
5. When the base is not connected to the power supply, the call test can be carried out.
6. This system is an outdoor antenna

POWER

9~36V DC input lead

AC/DC adaptor (Optional)

ANTENNA WORK FREQUENCY

Receiver: 1525.0 to 1559.0 MHz, 1575.42+/-
10.25MHz (GPS L1)

Transmit: 1626.5 to 1660.5 MHz

Antenna Description: Type maritime

POWER CONSUMPTION

Charging: 500mA, 6W

Sleep mode: 5mA, 60mW

PHYSICAL

Dimensions: 219 x 166 x 85 mm

Weight – dock: 0.687g

ENVIRONMENT

Operating Range: -30 C to +80 C

Storage: -35 C to +85 C

Battery Charging Temp: 0 C to +45 C

Operating Humidity Range: 95% at 40 C

Storage Humidity Range: 95% at 45 C

IN THE BOX

1. ISATDOCK2 main unit

2. Privacy handset

3. DC Power Cable / Lead

4. Active Satellite Antenna

5. Satellite Antenna Mounting bracket

6. 5M/10M Antenna Cable

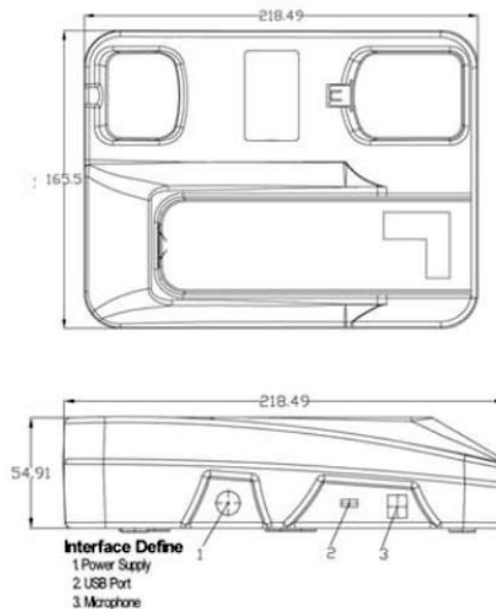
7. User Manual



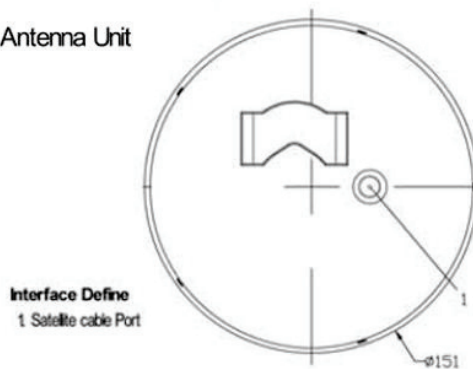
inmarsat
Coverage map

CONSTRUCTION CHART

Main Unit



Antenna Unit



x 1
x 1
x 1
x 1
x 2
x 1
x 1