modootel

WICHI-10

Location Tracking and Messenger

Iridium's low latency SBD service provides the ideal solution for Worldwide tracking and Monitoring. Wichi-10 using Iridium 9602 modem delivers the tracking information of your assets. Monitor your assets anywhere on the planet.

Global Coverage

Iridium's 66 satellites cover from the north pole to south pole, They provide global and low-latency SBD service with communication stability.

Fast & Accurate Information

Built-in GNSS receiver and Iridium SBD service provide near real-time tracking and monitoring with remote assets.

Add-on Bluetooth

WICHI-10 Bluetooth Buit-in option provides capability to connect with the Modootel application on the iOS/Android mobile phone.

Buit-in Microprocessor

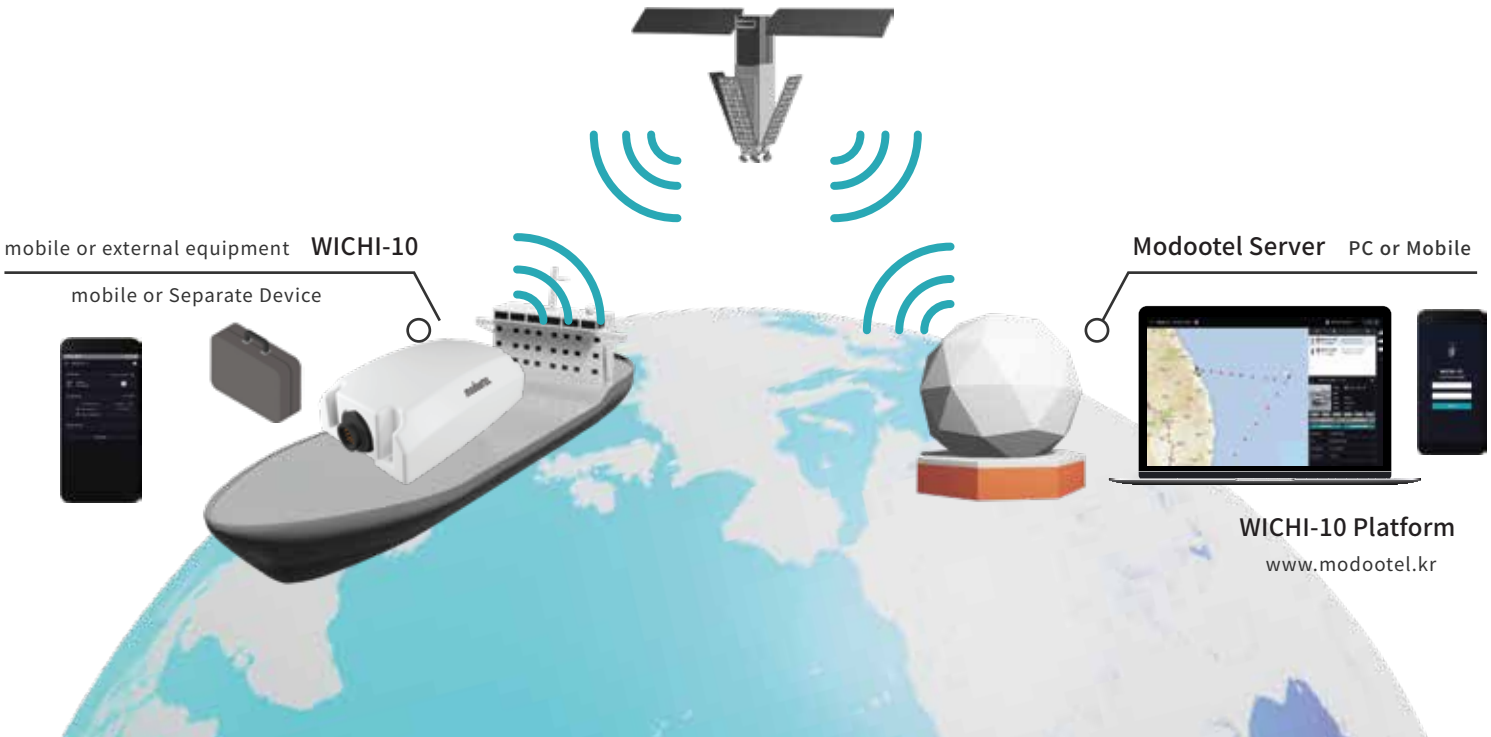
Microprocessor-independent allows remote-assets registeration and changing settings.

Distress Signal function

Distress signal function works on the mobile and web application or your separate distress device.

Easy Installation

Start to work automatically by just power-on after registration remotely.



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Iridium Service

Short Burst Data	9602N
Data(Maximum) Transmit and Receive	Tx : 340byte, Rx : 270byte

Physical

Dimension	140 x 89.4 x 43 mm
Weight	300g

Power

Input Voltage	9~32V (Supply Voltage: 5V)
Receive	0.7W, Max Peak:1.5W
Transmit	1.5W, Max Peak: 8W
Idle	0.7W

Iridium Antenna

Frenquency	1616MHz ~ 1626.5MHz
Return loss	<-15dB
gain	4dBic
Polarization	RHCP

GNSS Antenna

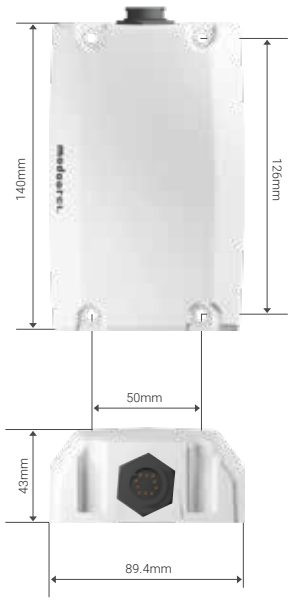
Frequency	1575~1608MHz (GPS:1575, GLONASS:1592~1608)
Return loss	7dB
gain	3.5dBic
Polarization	RHCP

Environmental

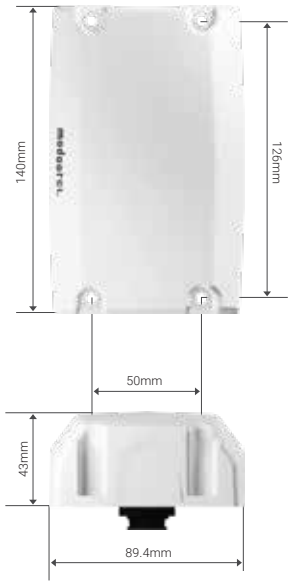
Temperature range	-40°C ~ +85°C
Humidity	Less than 95% at +40°C
IP Rating	IP66

Two types of the connector direction according to environment

Type 1 : Side connector



Type 2 : Bottom connector



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