

CITADEL

SR-MARINE

Emergency
Satellite Communication
Anti-Piracy Solution



The **SR-MARINE** provides Anti-Piracy **Inmarsat Phone** Solution the crew of the ship hides into vessel **citadel** in case there is a pirate attack. It makes them able to communicate with the outside world.



This citadel solution provides an effective communication channel to be able to communicate with the outside world. The Outdoor antenna works well with long cable up to 200m run down to citadel(Anti-piracy) or shelter. It operates normally despite a blackout connecting with Emergency Power Supply.

In recent years, there has been a significant increase in the number of attacks on vessels by pirates, in particular in the Gulf of Aden, Somali Basin, and the Indian Ocean. Vast areas of waters are affected making it a challenge to prevent maritime piracy incidents.

Wide Range of use for Emergency satellite communication

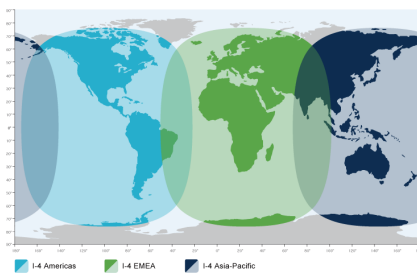
Modootel SR-MARINE is the right solution in the environment where it is necessary for emergency communication and required of long antenna cable for the satellite signal, such as buildings, woods, mountains shelter, or underground bunker.



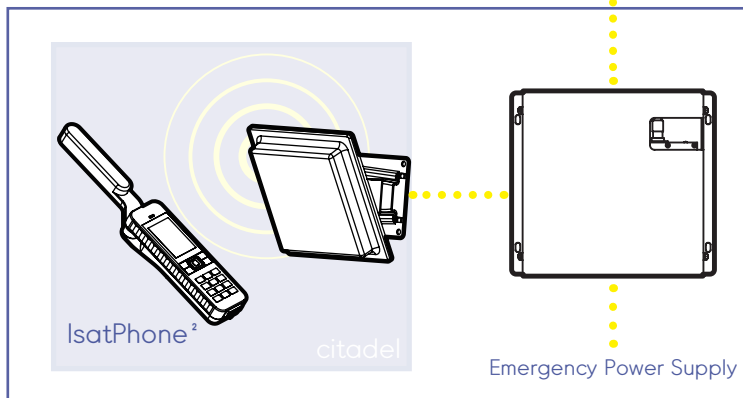
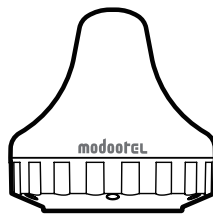
Citadel

Bunker

inmarsat satellite coverage



Outdoor Antenna



Frequency Range	Down Link	1525 ~1577 Mhz
	Up Link	1626.5 ~1660.5 Mhz
Gain	Down Link	65±1 dB Max
	Up Link	65±1 dB Max
Gain Flatness		3dBp-pMax
Output Power	Down Link	-20dBm (coducted)
	Up Link	33dBm or 2WMax
ALC Range	Up Link	50dB
Noise Figure	Down Link	7dB Max
	Up Link	7dB Max
Propagation Delay		1 μs Max
Power Supply Requirement		20~36VDC type(45W Max) 100~240VAC 50/60Mhz AC/DC Adapter