

# Scorpion-lite

Fully integrated, compact Satcom terminal



- 60cm reflector
- 8W / 16W BUC and wide band LNB
- Tripod
- Satellite Modem
- Pointing Assistant
- Battery Pack



Scorpion-lite is a highly integrated satcom terminal, small, light weight and everything you need to communicate is in one single IATA compliant case, this allows the Scorpion-lite to be easily transported on any aircraft world-wide.

**Fast Deployment** - Once at your desired location the Scorpion-lite is very fast and easy to put together, made up of only 7 rugged and easy to assemble pieces requiring no tools, the Scorpion-lite can be assembled in minutes.

**Easy Pointing** - The Scorpion-lite is equipped with an ingenious on-board manual pointing assistant instructor (MPAD3) designed to provide you with a full set of intelligent features and tools to allow easy access to any satellite network. The assistant will provide step-by-step instructions to the user with all the information messages are displayed on an integrated high-definition, ultra-bright display..

**Network Ready** - The Scorpion-lite integrated with either the ST Engineering IQ200 or the MDM2510 and is fully intra-operable with openAMIP.

**Local Operation** - The MPAD3 has a set of operation screens that will allow the user you to access critical information from all the terminal sub-systems including beacon receiver signal level expansion screen and BUC / modem monitoring, this allows full diagnostic and set up without the need for a laptop or tablet.

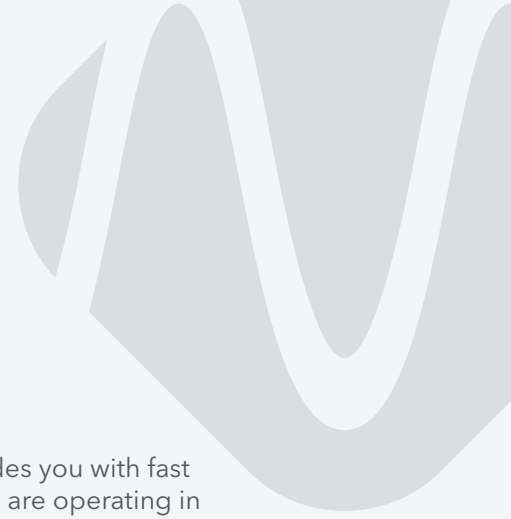
**Remote Operation** - There is a fully featured web based GUI for remote command and control functionality allowing for up to 30 satellites to be programmed into the database. Other features of the command and control include; mimic of terminal interface, manual input for GPS - just in case of jamming, satellite database entry, LNB support and control.

**Satcom as a Managed Service (SaaS)** - The Scorpion-lite is fully certified on the INTELSAT Flex platform and can be deployed globally for fast high-speed and reliable broadband utilising the MPAD3 with openAMIP protocols the terminal will assist and instruct which satellite to use and how / where to point.



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The Scorpion-lite terminal is a flexible and reliable satcom terminal that provides you with fast and dependable data and voice communication in any situation. Whether you are operating in challenging environments, remote areas, or disaster zones, the Scorpion-lite can excel.

The Scorpion-lite is simple to install and use, with a user-friendly interface and a durable design. You can use it to send emails, make calls, stream videos or access secure networks with ease.

The battery life of the Scorpion-lite is impressive, lasting up to 3 hours on a single charge.

Don't compromise on quality. Choose the Scorpion-lite and communicate wherever you go.

## Technical Specifications

KU Band	60cm
TX Frequency	13.75-14.5GHz
RX Frequency	10.7-12.75GHz
Gain TX	37.2 dBi
Gain RX	35.7 dBi
Port to port isolation	>35 dB
Cross pol	30 dB min
EIRP (4W)	43.2dBw
EIRP (8W)	46.2dBw
EIRP (16W)	49.2dBw
G/T	14.2dBk
Battery life	3 hours
Weight	10kg
Modem	MDM2510, IQ200,UHP110
GPS/Pointing computer	Integrated
Cases	1
Power	240/110VAC or DC