

MSR-1000

Tactical Satellite Solution for Deployable Arena BLOS Communication



The MSR-1000 is a transportable solution for deployable arena. It is an optimal BLOS communication solution for all command levels.

Part of the InterSKY™ 4M family of products designed specifically for military broadband satellite communication, designed and integrated into a single unit, the MSR-1000 is built for rapid and reliable deployment in the field.

Easily setup by non-professional personnel, MSR-1000 is suitable for emergency, disaster recovery and in - theater communications.

MSR-1000 can be manual pointing VSAT or optional auto-acquiring flyaway VSAT system that provides high speed data communications for C⁴I, internet, VPN connectivity, video transmission, surveillance, or reconnaissance. The MSR-1000 system is composed of a wheeled hard case for the flyaway antenna and outdoor unit. Baseband equipment comes in an indoor closure with 19" MSR-Pro and OptimISer or with the ruggedized MIL-STD MSR-R unit.

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MSR-1000 PRODUCT SPECIFICATIONS

Physical Dimensions	
Size	590 X 810 X 480 (W x D x H) mm
Weight (including power supply)	55 Kg. (Including Antenna, BUC and LNB)
Environmental Conditions	
Operating Temperature	-40° to +55° C
Storage Temperature	-40° to +70° C
Relative humidity	Up to 100%
Altitude	Up to 10,000 Feet
Antenna and RFT	
Reflector	0.45m to 2.8m
Reflector Construction	Segmented carbon fiber
Az/El/Pol Drive system	Roto-Lok 3-axis positioned
Ku Band BUC	2W to 40W
LNB	Selectable by satellite band

System Features and Benefits

- Segmented carbon fiber antennas
- Universal RF kits across antenna sizes
- Four frequency band option: Ku, Ext- KU, X, Ka and C
- Configurable to customer needs
- Aperture size from 0.45m to 2.8m
- Integrated with ruggedized IDU or with 19" IDU
- Manual or auto acquiring
- Tracking controller option
- Beacon receiver option
- Integrated spectrum analyzer option

Applications for MSR-1000

- C⁴I
- Quick deploy voice, video and data communications
- Homeland Security
- First Response
- Remote Connectivity from Everywhere in the World
- Video Conferencing and surveillance Broadcast



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