

MILLI S>T H_{LM}



Milli S>T H is a medium lightweight portable on the move satellite solution. It is designed for environments that require a higher bandwidth and can accommodate the enabling increase in form factor.

Milli S>T H is optimized for larger bandwidth requirements, with a minimal footprint.

Milli S>T H provides autonomous operation to transmit and receive bandwidth data rates at more than 20 Mbps.

Milli S>T H comprises fully integrated (including BUC and Modem), fully ruggedized terminal that is optimized for all applications, and is ideal for demanding environments, such as in helicopters, boats, and vehicles.

RF PERFORMANCE	KA BAND	KU BAND
Tx Frequency	29-31 OR 27.5-30 GHz	12.75-13.25 OR 13.75-14.5 GHz
Rx Frequency	19.2-21.2 OR 17.5-20 GHz	10.75-12.75 OR 10.75-11.75 GHz
Max G/T	11 dB / K	7 dB / K
Polarization Max	RHCP/LHCP (co-pol / cross-pol)	Linear (V/H) Automatic Skew Control
EIRP	48.2dBW (25w BUC) 25x27cm	45.6dBW (50w BUC)
Panel Size	(9.8 x 10.6")	25x27cm (9.8 x 10.6")
SYSTEM		
Azimuth	Continues coverage over full 360°	Continues coverage over full 360°
Elevation	-8 to 90°	-8 to 90°
Control Technique	Combined IMU / RSSI / GPS (Optional)	Combined IMU / RSSI / GPS (Optional)
Velocity	Azimuth >200° / Sec, Elevation > 200° / Sec	Azimuth >200° / Sec, Elevation > 200° / Sec
Initial Acquisition Time	<30 sec	<30 sec
Re-Acquisition time	<100ms	<100ms
Management	Web Interface/ Open AMIP 1.16/ SW ICD	Web Interface/ Open AMIP 1.16/ SW ICD
Power Input	24-36v DC	24-36v DC
Power Consumption	25w (Rx), 200W (25W BUC, pSAT)	25w (Rx), 250W (50W BUC, pSAT)
Interfaces	RS-232, Ethernet, TX / RX	RS-232, Ethernet, TX / RX
Weight	14.2Kg (31.3lb)	14.7Kg (32.4lb)
System Size	39.5 x 39.5cm (15.5x15.5")	39.5 x 39.5cm (15.5x15.5")

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