

MICRO S>T_{LW}



GET S>T Ltd

Eli Horovitz 27
Rehovot, 7608803
Phone: +972-76-530-0700
info@getsat.com

GET S>T North America Inc.

1750 Tysons Boulevard
Suite 1500 Mclean, VA 22102
Phone: +1-855-344-4400
info@getsat.com

MICRO S>T_{LW} is a small lightweight portable on-the-move satellite terminal solution. It is optimal for airborne connectivity, for compact installations, and for fully autonomous operation for transmit and receive of high bandwidth data rates of more than 10 Mbps. With its unique design, Micro SAT is the leading choice for unmanned aerial vehicles (UAVs). Its optimized form, size, and weight enables it to be deployed as an integral part of the plane. The Micro SAT family has options for both the KA and KU bands.

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	8.2 dB / K	4.2 dB/K
Polarization	RHCP/LHCP (co-pol / cross-pol)	Linear (V/H) Automatic Skew Control
Max EIRP	46.3dBW (25w BUC)	42.7dBW (50w BUC)
Panel Size	25 x 13.5cm (9.8 x 5.3")	25 x 13.5cm (9.8 x 5.3")
SYSTEM		
Azimuth	Continues coverage over full 360°	Continues coverage over full 360°
Elevation	0° to 90°	0° 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	12-36v DC	24-36v DC
Power Consumption	20W (RX), 200W (25W BUC, pSAT)	20W (RX), 250W (55W BUC, pSAT)
Interfaces	RS-232, Ethernet, TX / RX	RS-232, Ethernet, TX / RX
Weight	3.2 Kg (7 lb) w/o BUC	4.0 Kg (8.8 lb) w/o BUC
System Size	29x21cm (11.4 x 8.2")	29x21cm (11.4 x 8.2")