

ULTRA BLADE



ULTRA BLADE expands Get SAT’s satellite communication solutions and expertise into the L-Band market. Combining unbeatable size, weight and power (SWaP) into an all planes Electronically Steerable Array Antenna (ESA), the ULTRA BLADE exceeds the most stringent operational requirements.

Ultra-Low Profile: ULTRA BLADE’s super low-profile, no moving parts

and a weight of less than 12 lbs is designed to be used in any environment to include vehicle, maritime and aviation.

Ultra-Efficient: With more than 90% antenna efficiency the ULTRA BLADE is the industry’s highest throughput solution. L-Band Compatible: ULTRA BLADE is compatible with any land mobile L-Band terminals.

Independent Tracking: ULTRA BLADE can independently track any L-Band satellite, while enabling any modem to focus on the communication only. The versatile ULTRA BLADE is the market’s smallest, lightest and most powerful L-Band antenna on the market today.

RF PERFORMANCE	L BAND
Tx Frequency	1626.5-1660.5 Mhz 1668-1675 Mhz
Rx Frequency	1518-1559 Mhz
Gain Tx/Rx	17.4/17.1 dBi (Bore Sight)
G/T	-8.0 db/K (Single pol) Bore Sight
EIRP	27.5 dBW
Polarization	LHCP/ RHCP SW selectable
SYSTEM	
Azimuth/Elevation	Fully Electronic
Control Technique	Combined IMU / RSSI / GPS
Control Interface	RS232, Ethernet
Tracking Speed	300°/second
Initial acquisition	<5 sec (after power up)
Operation voltage	10 – 48 [V] DC – Without internal modem 14 - 36 [V] DC – With internal modem
Power Consumption	Tx/Rx 84 Watt, W/modem on – 100 Watt
Weight	5.5 Kg
Max. Ambient temperature	- 40 to 60 °c
Dimensions (WxLxH)	40 x 49 x 4. cm (15.75x19.65x1.65")

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