

NANO S>T



NANO S>T is an ultra- portable lightweight, lowprofile terminal. Coming in at 2 kilos, it is optimized for “on-the move” communication where there is no real estate available and man - carried portability and mobility applications. It is designed for the KA band, providing autonomous operation for the transmission and reception of high bandwidth data rates at more than 2 Mbps.

RF PERFORMANCE	KA BAND
Tx Frequency	29-31 OR 27.5-30 GHz
Rx Frequency	19.2-21.2 OR 17.5-20 GHz
Max G/T	2.2 dB / K
Polarization	RHCP/LHCP (co-pol / cross-pol)
Max EIRP	34.7dBW (8w BUC) / 36.4dBW (12w BUC) / 39.7dBW (25w BUC)
Panel Size	12.5 x 7cm (5 x 2.7")
SYSTEM	
Azimuth	Continues coverage over full 360°
Elevation	0° to 90°
Control Technique	Combined IMU / RSSI / GPS (Optional)
Velocity	Azimuth >200° / Sec, Elevation > 200° / Sec
Initial Acquisition Time	<30 sec
Re-Acquisition time	<100ms
Management	Web Interface/ Open AMIP 1.16/ SW ICD
Power Input	12-36v DC
Power Consumption	20W (RX), 70W (TX/RX, 8W BUC)
Interfaces	RS-232, Ethernet, TX / RX
Weight	2.3 Kg (5.07 lb.)
System Size	19.5 x 16 cm (7.6 x 6.3")

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