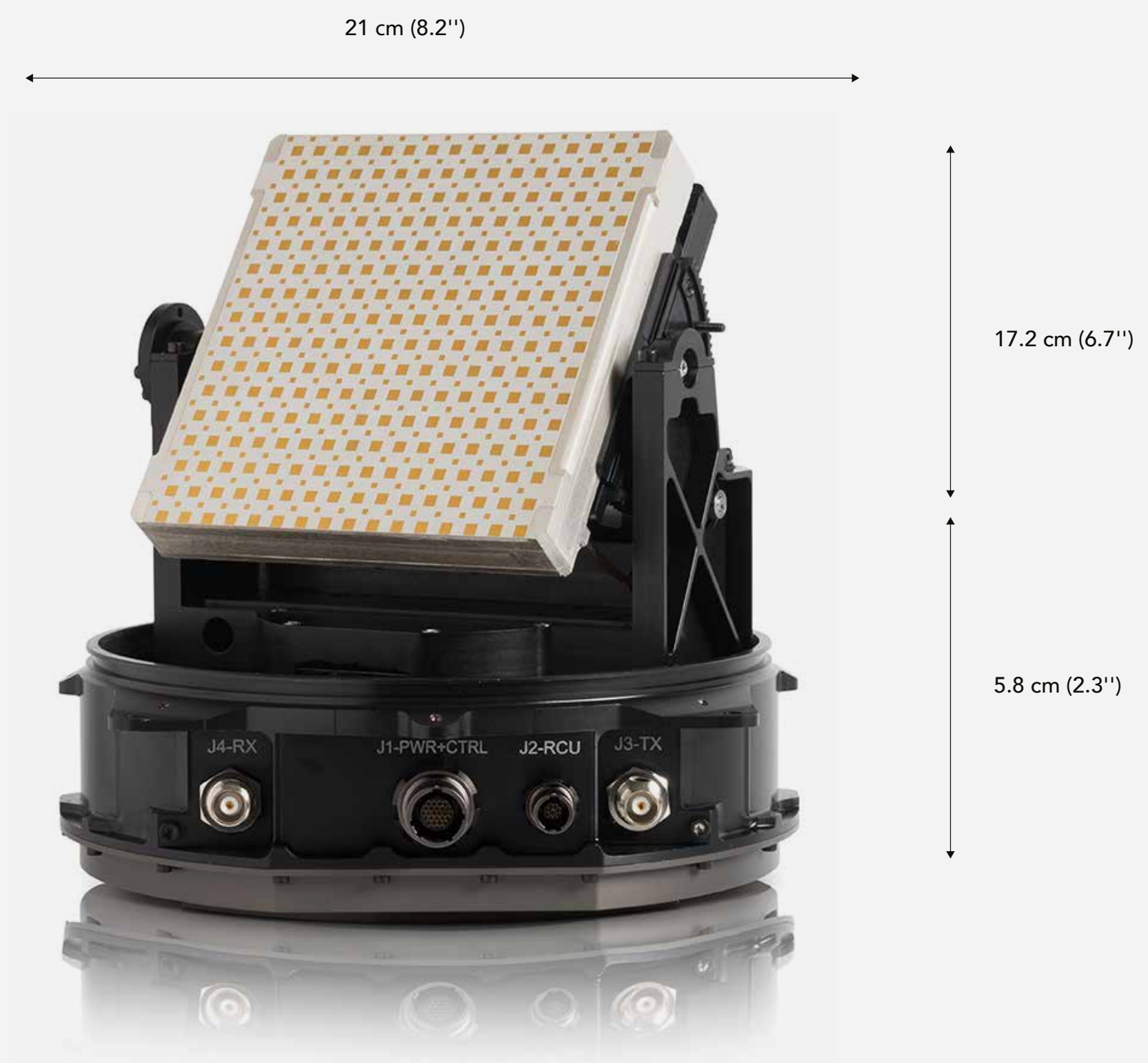


NANO S>T H



NANO S>TH is the smallest and lightest KA band SATCOM terminal in the market with an integrated BUC and modem. It is optimized for “on-the-move” and man-carried portability and mobility applications. It is designed for the KA band.

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	5 dB / K
Polarization Max	RHCP/LHCP (co-pol / cross-pol)
EIRP	37.7dBW (8w BUC) / 42.7dBW (25w BUC)
Panel Size	13 x 13.5cm (5 x 5.3")
SYSTEM	
Azimuth	Continues coverage over full 360°
Elevation	-6° 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	13-36v DC
Power Consumption	20W (Rx), 70W (TX/RX, with 8W BUC)
Interfaces	RS-232, Ethernet, TX / RX
Weight	4.17 Kg (9.19 lb.) with modem and BUC
System Size	21 x 23 cm (8.2 x 9")

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