QuickSPOT™ 1200 VMO Vehicle Mounted Self-deploying Satellite Antenna System

1200 VMO - 1.2 meter Vehicle Mount Antenna & Baseband Product Specifications

Overview

QuickSPOT's 1.2M Vehicle Mount Antenna makes establishing communications links easy. Within minutes of arrival a single operator can be on air. QuickSPOT antennas automatically deploy and lock on the satellite at the touch of a button. Automated login into the OnDemand network lets you launch any IP based application within seconds.

1.2M Vehicle Mount Antennas can be mounted temporarily or permanently on mid-size or larger vans and SUV's with a factory luggage rack easily and without modification to the vehicle. Drive safely at highway speeds with the antenna stowed.

Use this antenna for the most robust applications throughout the United States; support broadcast quality video or an entire mobile command center with large data networks and large voice connections. Power can be supplied with an inverter on the vehicle or with a small generator.

This antenna sports a back cover for a sleek, professional appearance.

Included Standard:

Auto-deploying antenna
8W Ku-band BUC (also available in 4W, 16W, 25W, 80W and extended-ku)
Antenna controller
DVB receiver
Satellite modem
LAN switch
Vehicle mount
Baseband components integrated in rugged, shock mounted case
30 ft. IFL cables

Technical Specifications

Antenna			
Reflector	1.2 m Ku-band Eliptical		
Optics	Prime focus offset		
Az/El/Pol Drive System	Roto-lok 3 axis positioner		
	Transmit		**Receive**
Frequency	13.75 - 14.5 Ghz		10.95 - 12.75 Ghz
Gain ± .2dBi	43.2 dBi		42.0 dBi
Polarization	Rotation of feed		
Cross-Pol Isolation	Std. Feed	Opt. Feed	
On-Axis	30 dB	35 dB	35 dB
Off-Axis	28 dB	28 dB	32 dB
Travel	Azimuth	± 200° from stow position	
	Polarization	± 95°	
Satellite Approval	PanAmSat's worldwide fleet of Ku-band satellites		
Base pitch offset correction	±10° either axis		
Physical Data			
Approx. Weight	From 150 lbs + w/o BUC & LNB		
Max Length w/ IFL cables connected	74"		
Height	Stowed	19"	
	Deployed	72.5"	
Power consumption	Motors active	250 W	
Mount/Case Options	Vehicle mount on Thule racks, shipping cages available		
Controller	One Button Deploy; automatic satellite acquisition; peaking & cross-pol adjustment. One Button Stow		
Controller power	110/220 VAC, single-phase, 50/60 Hz		
Baseband System			
Power requirements	110/220 VAC, single-phase, 50/60 Hz		
Data rate capabilities	64 kbps to 4.5 MB		
Satellite Access Methods	TDMA, SCPC, DVB/RCS		
Transmit Protocol	Automatic		
Std. Baseband Case – 4RU	Weight	Approx. 80 lbs	
	Dimensions	28" x 28" x 16"	

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