



## Sat-Trak VR5 1.2m Auto-Mount Antenna

Engineered and built for life in the oil and gas industry, the Hyperlink Sat-Trak VR5 from RAMTelecom is a rugged, environmentally tested and approved mobile satellite antenna. It is designed for quick and easy deployment and minimum field maintenance in a variety of applications.

The Sat-Trak VR5 is an extremely reliable auto-mount antenna system that can be easily deployed from a stowed position to fully locked operation in less than five minutes. It can be quickly configured for multiple satellites and easily integrated with a variety of satellite hubs.

With its ease-of-use and multiple configuration capabilities, the Sat-Trak VR5 provides instant fixed and mobile communication to remote operations anywhere in North America. The result is instant business communications with unmatched quality of service, where you need it, when you need it.

### **BACKED BY EXPERIENCE AND EXPERTISE**

The Sat-Trak VR5 is part of RAMTelecom's complete portfolio of fixed and mobile satellite communication solutions. All RAMTelecom solutions are backed by a dedicated and knowledgeable team of experts with an intimate understanding of the communications challenges

facing companies operating on a national and international scale.

With more than 45 years of experience in the telecommunications industry, the RAMTelecom team has the creativity and agility to address every organization's unique communications challenges and a proven track record providing reliable and innovative value-add business communication solutions via satellite.

### **EFFICIENT, EFFECTIVE BUSINESS COMMUNICATIONS**

With complete coverage of the North American market and the ability to deliver reliable broadband data and voice services, regardless of location, RAMTelecom's value-added solutions ensure continuous real-time communications between central offices and remote locations on a single, integrated satellite platform.

As a result, organizations can achieve greater operational efficiency through improved business processes and communications from locations anywhere in North America.

**To find out more, visit:**

**[www.ramtelecom.ca](http://www.ramtelecom.ca)**

**or call:**

**613-747-1836**

**Toll-free (North America-wide)**

**1-877-RAMTel-1 (1-877-726-8351)**



## SAT-Trak VR5: TECHNICAL SPECIFICATIONS

<b>Reflector Type:</b>	0.98 or 1.2 meter Prodelin
<b>Mount Geometry:</b>	Elevation over Azimuth
<b>Polarization:</b>	Vertical or Horizontal: 180 degrees on both polarities
<b>Deployment Sensors:</b>	GPS, Inclinometer
<b>Dish Dimensions</b>	
Length [Stowed]:	1.9 meters (77")
Width [Stowed]:	1.2 meters w/reflector 60 cm (24") without reflector
Height [Stowed]:	30 cm (12")
<b>Maximum Mount Rotation</b>	
Azimuth:	380 degrees
Mount Geometry:	Elevation over Azimuth
Skew [Polarization]:	Both axis can be skewed by 180 degrees
Max Look Angle:	80 degrees
<b>Cabling</b>	
Transmit and Receive Cables:	-50
Electrical Data Interface Cable:	-65
<b>Environment</b>	
Deployed Wind Resistance:	Has been tested at 110 kph
Stowed Wind Resistance:	Maximum speed undetermined due to speed limit restriction
Operational Temperature:	-50 degrees Celsius -58 degrees Fahrenheit
<b>Speed</b>	
Deploying Elevation:	1.5 degrees / sec.
Deploying Azimuth:	4.0 degrees / sec.
Peaking:	.25 degree increments
Re-Peaking:	.25 degree increments
<b>Motors</b>	
Motor Voltage	36 Volts DCDish can be moved on 12 volts or manually if there is a loss of AC power
<b>Gearboxes</b>	
	No backlash Synthetic oil
<b>Solid State Controller</b>	
Dimensions:	Touch screen 4.5 x 5.5 Can be custom built to customer specs.
Interface:	Serial or Ethernet
Controller Voltage	110 volt
<b>Transmitter Disable:</b>	Controller disables transmitter while dish is in motion
<b>Manual Mode:</b>	Visual displays of azimuth elevation, cross pole and signal strength Controller has momentary buttons for all axis control movements
<b>Modems Transmit [TX] &amp; Receive [RX]:</b>	
Dimensions:	Modem agnostic
Modem Voltage:	Any service can be adapted
Transmit Power:	1 watt to 8 watt Depending on service
<b>Maintenance</b>	
	1 year included We can train and certify your own techs. Extended maintenance available
<b>Warranty:</b>	1 Year MFG Parts and Labour

