

7000 Controller



TECHNICAL SPECIFICATIONS



Online with the touch of a button...

- Simple stand-alone one touch operation to find satellite and stow antenna
- Typical satellite acquisition time in less than 2 minutes
- Ideal for applications that require a quick, simple setup and reliable connection
- Internal DVB receiver provides modem independence
- Based on an embedded software solution

Features

- One touch stand-alone solution
- Front Panel Configurable
- Compatible with all iNetVu mobile platforms
- Supports DVB-S1 and DVB-S2/ACM frequencies
- Optimal, high-precision antenna pointing
- Remote access and operation via Network, Web and other Interfaces
- Built-in motion and movement protection for safety
- Supports inclined orbit satellites
- Integrated with multiple modems
- GPS signal available for external devices
- Easy to configure and operate

Integrated DVB-S2/ACM Tuner

The DVB-S2/ACM Tuner is an integrated part of all iNetVu 7000 controllers. It allows the iNetVu system the option to find the satellite with and without the use of a satellite modem. Compact and adaptable, this high performance tuner is programmable to any DVB-S or DVB-S2/ACM frequency and allows the user to pre-configure specific satellite options.

Modem Compatibility

Certain service providers require additional communications functions for the satellite modem, such as GPS location, auto cross-pol and others. The 7000 controller has been fully intergrated to provide these requirements for all compatible modems.

HughesNet DW6000 /DW7000 HN7000 HN7000S HN7700 HN7700S HX50 HX100 HX 200 HX 250 HX 260	iDirect iNFINITI 3000 Series iNFINITI 5000 Series iNFINITI 7000 Series Evolution X5	Viasat Linkstar II Linkstar IV Linkstar S2 Linkstar S2A	ipstar IPX-5100 IPX-9200
Eastar UHP-1000	Radyne DMD20 DMD20 LBST SkyWire MDX420	Tachyon CI-1300 Ruggedized RMG	Gilat Skyedge II Skyedge IP
	STM SatLink 1000 SatLink 1910	Paradise Evolution Series Quantum Series	Comtech CDM-600L CDM-570L CDM-625

Optional Beacon Receiver

An optional 19" rack mount iNetVu Beacon Receiver (BR300L) is available and has been integrated to work with the iNetVu Controllers. This external self contained compact unit detects the power density of the satellite beacon (930MHz - 2300MHz) and is connected to the Controller via an RS232 serial port interface.

Interfaces

GPS Antenna:	SMA Connector
RF Rx In:	Type F Connector
RF Rx Out:	Type F Connector
Sensor Input:	DB26 Connector
Motor Control:	9-Pin Circular AMP Connector
Network Interface:	RJ45 Connector
USB 2.0 (Full Speed):	USB Type B Receptacle
Serial Port:	DB9 Female Connector

Electrical

Universat AC Input	90 - 264VAC, 2.2 - 1.1A
	47 - 63 Hz
Idle Power Consumption	12VDC @ 1A
Elevation Power:	12 VDC @ 12A (max.)
Azimuth Power:	12VDC @ 12A (max.)
Polarization Power:	12VDC @ 3A (max.)
LNB Power:	Disable, 13V, 14V, 18V, 19V, 20V, 21V @ 500 mA (max.)

Physical

Dimensions:	19" 1U Rack Mountable Unit
Standard	Height : 2.0" (51mm)
	Width: 17.1" (434mm)
	Depth : 11.0" (279mm)
Weight:	9.9 lbs. (4.5kg)

Environmental

Operating Temperature:	-20° to +50°C (-4° - 122°F)
Storage Temperature:	-40° to +60°C (-40° - 140°F)

Certification

Complies with FCC Part 15 Class B
CE Approvals for Emission & Immunity Standards

Standard warranty: 2 years

