

7000 Controller

iNetVu™

by C-COM Satellite Systems Inc.

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 embedded software solution

Features

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

Integrated DVB-S or DVB-S2 Tuner

The DVB-S or DVB-S2 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, these high performance tuners are programmable to any DVB-S or DVB-S2 frequency and allow 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 integrated to provide these requirements for all compatible modems.

HughesNet	iDirect	Viasat
DW6000	iNFINITI 3000	Linkstar II
HN7000	iNFINITI 5000	Linkstar IV
HN7000S	iNFINITI 7000	Linkstar S2
HN7700		
HN7700S		
HX50		
HX100		

Optional Beacon Receiver

An optional 19" rack mount iNetVu Beacon Receiver (BR) 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

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Specifications are subject to change

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