

9000 Controller

iNetVu™

by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS



Online with the touch of a button . . .

- Simple one touch operation to Find Satellite and Stow Antenna
- Satellite Acquisition in Less Than 2 Minutes
- Optimal, High-Precision Antenna Pointing Calculations
- Ideal for applications that require a quick, simple setup and reliable connections
- Compatible with every satellite modem available on the market

Features

- One Box Solution
- Easy to install, configure, and operate
- Supports an External L-band Beacon Receiver
- Eliminates need for PC
- No software installation required
- LCD Display and Keypad Navigator
- Automatic and Manual Control Keypad
- Compatible with all iNetVu Mobile Platforms
- Remote Access/Monitor via Web Interface
- Pre-installed VNC software provides secure remote controller access anywhere on the network for maintenance and trouble shooting.

Integrated DVB-S Tuner

The DVB-S Tuner is an integrated part of all iNetVu 9000 controllers. It allows the iNetVu to find satellite with or without the use of a satellite modem. Compact and adaptable, these high performance tuners are programmable to any DVB-S frequency and allow the user to pre-configure specific satellite options.

Modem Compatibility

Certain service providers require additional communication functions for the satellite modem, such as GPS location, auto cross pol, and others. The 9000 controller has been fully integrated to provide these requirements with the following modems:

Hughesnet	iDirect	Gilat/StarBand
DW6000	NetModem II	Gilat 360/360E
HN7000	NetModem II Plus	Starband 360
HN7000S	iNFINITI 3000	Star Band 481
HN7700	iNFINITI 5000	Starband 484
HN7700S	iNFINITI 7000	Skyedge
HX50	ViaSat	Comtech
HX100	LinkStar II	CDM-570L
Radyne	LinkStar IV	CDM-600L
DMD20	LinkStar S2	Newtec
DMD20 LBST	Surfbeam SM1000	NTC/2107
Nera	ipstar	
SatLink 1000	IPX-5100	Advantech \ EMS
SatLink 1910	IPX-9200	4100 \ SIT Series 2000
	Tachyon	5100 \ SIT Series 3000
	CI-1300	

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
Signal 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

Optional External Keyboard, Monitor, Mouse Ports available.

Electrical

Universal AC Input	100 - 240VAC, 3 - 6 A, 50 - 60 Hz
Idle Power Consumption:	12VDC @ 2A
Elevation:	12VDC @ 12A (max.)
Azimuth:	12VDC @ 8A (max.)
Polarization:	12VDC @ 2A (max)
LNB Power:	Disable, 13V, 14V, 18V, 19V 20V, 21V @500 mA (max.)

Physical

Dimensions:	19" 1U Rack Mountable Unit
Standard	Height: 1.75" (44mm) Width: 17.5" (445mm) Depth: 13.0" (330mm)
Weight:	15 lbs. (6.82Kg)

Environmental

Operating Temperature:	0° to 50°C (32° - 122°F)
Storage Temperature:	-40° to +70°C (-40° - 158°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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