

5000 Controller

iNetVu™

by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS



iNetVu 5000C Controller Features

- Simple stand-alone one touch operation to find satellite and stow antenna
- Easy to install, configure, and operate
- Small and Compact Design
- Compatible with all iNetVu Mobile Platforms
- Supports an External L-band Beacon Receiver

iNetVu Mobile Software Features

- Windows XP, 2000, 2003, NT Compatible
- Modem-specific Interface via API, Telnet, Console, etc.
- Basic Controls Menu for normal everyday operation
- Advanced Controls Menu for comprehensive system status
- Built-in Motion and Movement protection for safety and auto-realignment
- Includes optional iNetVu Navigator Software
- PC Interface via USB or Serial Port Connection

DVB-S Tuner

A DVB-S Tuner is included with every 5000C Controller as a standard. The DVB-S tuner makes it possible to locate the appropriate 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 communications functions for the satellite modem, such as GPS location, auto cross pol, and others. The 5000C controller has been fully integrated to provide these requirements for all compatible modems:

HughesNet	Gilat/StarBand	iDirect
DW6000	Gilat 360 / 360E	NetModem II
HN7000	StarBand 360	NetModem II Plus
HN7000S	StarBand 481	iNFINITI 3000
HN7700	StarBand 484	iNFINITI 5000
HN7700S	SkyEdge	iNFINITI 7000
HX50		
HX100	Nera	Advantech / EMS
	SatLink 1000	4100 / SIT Series 2000
ViaSat	SatLink 1910	5100 / SIT Series 3000
LinkStar II		S5100
LinkStar IV	ipstar	
LinkStar S2	IPX-5100	Tachyon
SurfBeam SM1000	IPX-9200	CI-1300
Comtech		Radyne
CDM-570L	Newtec	DMD20
CDM-600L	NTC/2107	DMD20 LBST

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
Rx In	Type F Connector
Rx Out	Type F Connector
Signal Input	DB26 Connector
Motor Control	8 Position 5.08mm Terminal Block
PC Interface	USB or Serial DB9 Connector
USB 2.0 (Full Speed)	USB Type B Connector
Serial Port	DB9 Female Connector

Electrical

Power Input	8 Position 5.08mm Terminal Block
	12.5VDC @ 12.5A (max.)
Idle Power Consumption	12VDC @ 500mA
Elevation	12VDC @ 12A (max.)
Azimuth	12VDC @ 8A (max.)
Polarization	12VDC @ 2A (max.)
LNB Power	Disable, 13V, 14V, 18V, 19V, 20V, 21V @500mA (max.)

Physical

Dimensions	Height: 2.5" (63mm)
	Width: 10.5" (270mm)
	Depth: 6.0" (160mm)
Weight	3.2 lbs (1.5 kg)

Environmental

Operating Temperature	-20° to 50°C (-4° - 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

www.c-comsat.com
(613) 745-4110 (877) 463-8886

