

Ka66



TECHNICAL SPECIFICATIONS



Electrical

Rx & Tx Cables	2 RG6 cables (10m each)	
Control Cables	Standard	
Standard	10m Ext. Cable	
Optional	upto 75m available	
Transmit (Tx) Frequency	29.5 - 30.0 GHz	
Receive (Rx) Frequency	19.7 - 20.2 GHz	
Feed Interface	Receive	Transmit
	RG6	RG6
Midband Gain		
Rx	44.4 dBi @ 29.75 GHz	
Tx	40.4 dBi @ 19.95 GHz	
Antenna Noise Temperature	30° Elevation	
	44°K typical	
Sidelobe Envelope, Co-Pol (dBi)	Receive	Transmit
	1.6° < θ < 7°	29 - 25 Log θ dBi
	7° < θ < 9.2°	+8 dBi
	9.2° < θ < 48°	32-35 Log θ dBi
	48° < θ < 180°	-10 dBi (typical)
Cross-Polarization	> 35 dB	> 35 dB

Physical

Mounting Plate	L: 52.0" (1321 mm)
Stowed Dish Ext. Dims	W: 22" (559 mm)
	L: 53" (1346 mm)
	W: 30" (762 mm)
	H: 12.5" (470 mm)
Deployed Height	43" (1092 mm) Max.
Weight	110.8 lbs (50 kg)

Operational

Wind	47 mph (75 km/h)
Temperature	-22°F to 130°F (-30°C to 55°C)

Mechanical

Reflector	0.66m Elliptical Antenna, Dual Offset
Mount Geometry	Elevation over Azimuth
Deployment Sensors	GPS antenna
	Compass \pm 2°
	Tilt sensor \pm 0.2°

Motors

Electrical Interface	12V DC 15A max.
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Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0 - 60°
Elevation Deploy Speed	Variable 2°/sec typ
Azimuth Deploy Speed	Variable 15°/sec max, 10°/sec typ
Peaking Speed	0.2°/sec

RF Interface

Radio Mounting	Feed Arm
Coaxial	RG6U from Transceiver to Base Connector
Electrical Interface	Connectors for Controller

Environmental Survival

Wind Deployed	124 mph (200 km/h)
Wind Stowed	140 mph (225 km/h)
Temperature	-40°F to 150°F (-40°C to 65°C)

Standard warranty: 2 years

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Specifications are subject to change

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iNetVu[®]

by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS



Electrical

Rx & Tx cable	2 RG6 cables (10m each)
Control Cables:	
Standard:	10m Ext. Cable
Optional:	upto 75m available
Transmit (Tx) Power	1 to 200 Watt (Ku band) *
Transmit (Tx) Frequency	13.75 – 14.50 GHz (Ku Band)
Receive (Rx) Frequency	10.95 – 12.75 GHz (Ku Band)
Midband Gain	
Transmit (Tx)	39.3 dBi @ 14.25 GHz
Receive (Rx)	37.8 dBi @ 11.95 GHz

Motors

Electrical Interface	12V DC 15A max.
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Mechanical

Mount Geometry	0.75 m Elliptical Antenna
Polarization	Elevation Over Azimuth
	Dish rotation cross-polarization isolation
Deployment Sensors	GPS antenna
	Compass ± 2°
	Tilt sensor ± 0.2°

Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0 - 62.5°
Polarization	±70°
Elevation Deploy Speed	Variable 5°/sec typ
Azimuth Deploy Speed	Variable 15°/sec max, 10°/sec typ
Peaking Speed	0.2°/sec
VSWR	1.3:1 Max

Physical

Mounting Plate	L: 50" (1270mm)
	W: 18" (457mm)
Stowed Dish Ext. Dims	L: 55" (1397mm)
	W: 36.5" (927mm)
	H: 19" (432mm)
Deployed Height	45.75" (1162 mm) Max.
Weight	130 lbs (59 kg)

Environmental Survival

Wind Deployed	100 mph (160 km/h)
Wind Stowed	140 mph (225 km/h)
Temperature	-40°F to 150°F (-40°C to 65°C)

RF Interface

Radio Mounting	Feed Arm
Waveguide	Gilat / Starband Rigid
Coaxial	RG6U from Feedhorn to Base
Feed	Connector
	2 port - X Pol

Operational

Wind	45 mph (72 km/h)
Temperature	-22°F to 130°F (-30°C to 55°C)

Standard warranty: 2 years

* Depending on size and weight for feed arm mounting limitation

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TECHNICAL SPECIFICATIONS



Electrical

Rx & Tx cable	2 RG6 cables (10 m each)	
Control Cables:		
Standard:	10m Ext. Cable	
Optional:	upto 75m available	
Transmit (Tx) Power	1 to 200 Watt (Ku band) *	
Transmit (Tx) Frequency	13.75 – 14.50 GHz (Ku Band)	
Receive (Rx) Frequency	10.95 – 12.75 GHz (Ku Band)	
Midband Gain		
Rx	39.8 dBi	
Tx	41.3 dBi	
Sidelobe Envelope, Co-Pol (dBi)		
	100λ / D Ø < 20°	29 - 25 Log Ø dBi
	20° < Ø < 26.3°	- 3.5 dBi
	26.3° < Ø < 48°	32 - 35 Log Ø dBi
	48° < Ø	- 10 dBi (averaged)
Cross-Polarization		
Within B.P.	- 30 dB Max.	
Any Angle off Axis	- 25 dB Max.	

Physical

Mounting Plate	L: 50" (1270mm)
	W: 18" (457mm)
Stowed Dish Ext. Dims	L: 61" (1549mm)
	W: 39.5" (1003mm)
	H: 18.25" (463mm)
Deployed Height	52" (1320 mm) Max.
Reflector Assembly Weight	30 lbs (13.7 kg)
Base Weight	113 lbs (51.3 kg)
Total Weight	143 lbs (65 kg)

Environmental Survival

Wind Deployed	100 mph (160 km/h)
Wind Stowed	140 mph (225 km/h)
Temperature	-40°F to 150°F (-40°C to 65°C)

Operational

Wind	45 mph (72 km/h)
Temperature	-22°F to 130°F (-30°C to 55°C)

* Depending on size and weight for feed arm mounting limitation

Mechanical

Reflector	0.98 m Circular Antenna
Mount Geometry	Elevation over Azimuth
Polarization	Dish rotation cross-polarization isolation
Deployment Sensors	GPS antenna
	Compass ± 2°
	Tilt sensor ± 0.2°

RF Interface

Radio Mounting	Feed Arm / Rear of Base /Inside Vehicle
Axis Transition	Twist-Flex Waveguide
Waveguide	WR75 Cover Flange Interface
Coaxial	RG6U from Feedhorn to Base Connector
Standard Feed	Prodelin Model 1984 Based (2 Port - X Pol)
European/Eutelsat Feed	Prodelin Model 1985 Based (2 Port - X Pol)

Motors

Electrical Interface	12V DC 15A max.
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Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0 - 65°
Polarization	±70°
Elevation Deploy Speed	Variable 5°/sec typ
Azimuth Deploy Speed	Variable 15°/sec max, 10°/sec typ
Peaking Speed	0.2°/sec

Note:

Systems are configured with Cross-Pol as standard, Co-Pol is optional. A Eutelsat Feed is also available as an option for this system.

Standard warranty: 2 years

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1000 Autopointing Flyaway



TECHNICAL SPECIFICATIONS



The 1.0 m Flyaway Autopointing Antenna System with the iNetVu 7000 controller has the following Key Features:

- One Button Auto-Pointing Controller
- 3 Axis Motorization
- Supports Manual Control
- Airline Checkable
- Captive Hardware/Fasteners
- No Tools Required for Assembly/Disassembly
- Setup Time Less than 15 Minutes, One Person
- Leveling capability for Uneven Surfaces
- 2 Pieces Dual Skin Metal Reflector
- Supports Ku Band

RF Interface

Radio Mounting	Feed Arm
Axis Transition	Twist-Flex Waveguide
Waveguide	WR75 Cover Flange Interface
Coaxial	RG6U from Feedhorn to Base Connector

Environmental

Wind Load	
Operational	
No Ballast or Anchors	40 km/hr
With Ballast or Anchors	72 km/hr
Survival (with Ballast/Anchors)	145 km/hr
Solar radiation	360 BTU/h/sq. ft
Temperature (Survival)	-40° F to 149° F (-40° C to 65° C)
Temperature (Operational)	-22° F to 13° F (-30° C to 55° C)
Rain	1.3 cm/h

Maximum Mount Rotation

Azimuth	± 80°
Elevation	5 - 80°
Polarization	± 95°
Elevation Deploy Speed	Variable 2° /sec typ
Azimuth Deploy Speed	Variable 15° /sec Max. Variable 10° /sec typ
Peaking Speed	0.2° /sec

Motors

Electrical Interface	12 VDC 15A Max.
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Standard Warranty: 2 years

Mechanical

Reflector Mount Geometry	1.0m Offset Feed
F/D Ratio	Elevation over Azimuth
Offset Angle	0.635
Antenna Optics	22.0°
	Single Offset

Electrical

Rx & Tx Cables	2 RG6 cables (10m each)
Control cables	
Standard	10m Ext. Cable
Optional	upto 75m available

Packaging Cases:

- Case1: 2 piece reflector, 28.6 x 71.8 x 128.9 cm; 33.3 kg
- Case2: Feed arm with elevation actuator, 49.5 x 22.2 x 123.8 cm; 22.7 kg
- Case 3: Tripod , 45.2 x 40 x 118.75 cm; 35.9 kg
- Case 4: 6U rack mount with iNetVu 7000 Controller + cables ; 32 kg

Ku-Band (Linear)

Transmit Power	1 to 200 Watt *	
Transmit (Tx) Frequency	13.75 - 14.50 GHz	
Receive (Rx) Frequency	10.70 - 12.75 GHz	
	Receive	Transmit
Feed Interface	WR75	WR75
Efficiency	70%	70%
Midband Gain	40.2 dBi	41.9 dBi
Antenna Noise Temperature		
10° Elevation	61 K	
30° Elevation	53 K	
Sidelobe better than	100λ /D < Ø < 20°	29 - 25 Log Ø dBi
	20° < Ø < 26.3°	-3.5 dBi
	26.3° < Ø < 48°	32-35 Log Ø dBi
	48° < Ø	-10 dBi
Cross-Polarization on Axis	30 dB	35 dB
Within 1 dB Beamwidth	22 dB	26 dB
Return Loss	17.7 dB typ	20 dB typ
Insertion Loss	0.3 dB typ	0.1 dB typ
Tx/Rx Isolation	40 dB	80 dB
Feed - 2 Port XPol		



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1200 Auto-pointing Flyaway



TECHNICAL SPECIFICATIONS



The 1.2 m Flyaway Autopointing Antenna System with the iNetVu 7000 controller has the following Key Features:

- One Button Auto-Pointing Controller
- 3 Axis Motorization
- Supports Manual Control
- Airline Checkable
- Captive Hardware/Fasteners
- No Tools Required for Assembly/Disassembly
- Setup Time Less than 15 Minutes, One Person
- Leveling capability for Uneven Surfaces
- 2 Pieces Dual Skin Metal Reflector
- Supports Ku Band

RF Interface

Radio Mounting	Feed Arm
Axis Transition	Twist-Flex Waveguide
Waveguide	WR75 Cover Flange Interface
Coaxial	RG6U from Feedhorn to Base Connector

Environmental

Wind Load	
Operational	
No Ballast or Anchors	40 km/hr
With Ballast or Anchors	72 km/hr
Survival (with Ballast/Anchors)	145 km/hr
Solar radiation	360 BTU/h/sq. ft
Temperature (Survival)	-40° F to 149° F (-40° C to 65° C)
Temperature (Operational)	-22° F to 131° F (-30° C to 55° C)
Rain	1.3 cm/h

Maximum Mount Rotation

Azimuth	± 80°
Elevation	5° - 80°
Polarization	± 95°
Elevation Deploy Speed	Variable 2° /sec typ
Azimuth Deploy Speed	Variable 15° /sec Max.
	Variable 10° /sec typ
Peaking Speed	0.2° /sec

Motors

Electrical Interface	12 VDC 15A Max.
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Standard warranty: 2 years

Mechanical

Reflector	1.2 m Offset Feed
Mount Geometry	Elevation over Azimuth
F/D Ratio	0.635
Offset Angle	22.0°
Antenna Optics	Single Offset

Electrical

Rx & Tx Cables	2 RG6 cables (10m each)
Control cables	
Standard	10m Ext. Cable
Optional	upto 75m available

Packaging Cases:

- Case1: 2 piece reflector, 28.6 x 71.8 x 128.9 cm; 40.3 kg
- Case2: Feed arm with elevation actuator, 49.5 x 22.2 x 123.8 cm; 22.7 kg
- Case 3: Tripod , 45.2 x 40 x 118.75 cm; 35.9 kg
- Case 4: 6U rack mount with iNetVu 7000 controller + cables; 32 kg

Ku-Band (Linear)

Transmit Power	1 to 200 Watt	
Transmit (Tx) Frequency	13.75 - 14.50 GHz	
Receive (Rx) Frequency	10.70 - 12.75 GHz	
	Receive	Transmit
Feed Interface	WR75	WR75
Efficiency	70%	70%
Midband Gain	41.8 dBi	43.5 dBi
Antenna Noise Temperature		
10° Elevation	58 K	
30° Elevation	53 K	
Sidelobe better than	100/D < Ø < 20°	29 - 25 Log Ø dBi
	20° < Ø < 26.3°	-3.5 dBi
	26.3° < Ø < 48°	32-35 Log Ø dBi
	48° < Ø	-10 dBi
Cross-Polarization on Axis	30 dB	35 dB
Within 1 dB Beamwidth	22 dB	26 dB
Return Loss	17.7 dB typ	20 dB typ
Insertion Loss	0.3 dB typ	0.1 dB typ
Tx/Rx Isolation	40 dB	80 dB
Feed - 2 Port XPol		



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1200 Airline Checkable



TECHNICAL SPECIFICATIONS

The iNetVu 1200 airline checkable antenna system is a highly portable unit with a 6-piece carbon fibre reflector that can fit in a suitcase. It includes the auto-pointing 7000B controller providing a simple one-touch operation to find satellite.



- 1.2m 6-Piece carbon fibre reflector
- 3rd Axis Motorization
- One case solution
- Supports manual control when required
- Airline checkable
- One button, auto-pointing controller acquires any Ku band satellite within 2 minutes
- Captive hardware / fasteners
- No tools required for assembly / disassembly
- Set-up time less than 10 minutes, One person job
- Leveling capability for uneven surfaces
- Optimal high-precision antenna pointing
- Includes jog controller functions
- Remote access and operation via network, web and other interfaces

Application Versatility

The 1200 airline checkable system is easily configured to provide instant access to satellite communications for any application that requires reliable and/or remote connectivity in a rugged environment. Ideally suited for applications that require a quick, simple set-up typically for industries such as Disaster Management, Oil & Gas Exploration, Mining, Construction, Mobile Offices and Emergency Services.

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1200 Airline Checkable



by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS

Mechanical

Reflector	1.2m Offset Feed
Mount Geometry	Elevation over Azimuth
Offset Angle	15°
Antenna Optics	Single Offset

Environmental

Wind loading	
Operational	
With Ballast / Anchors	50 km/h
Survival	145 km/h
Temperature	
Operational	-22° to 131° F (-30° to 55° C)
Survival	-40° to 149° F (-40° to 65° C)
Solar Radiation	360 BTU/h/sq. ft.
Rain	1.3cm/h

Electrical

Rx & Tx Cables	2 RG6 Cables (10m each)
Control Cables	
Standard	10m Ext. Cable
Optional	Upto 30m available

Maximum Mount Rotation

Azimuth	200°
Elevation	5° - 90°
Polarization	± 95°
Elevation Deploy Speed	Variable 2° /sec typ
Azimuth Deploy Speed	Variable 5° /sec typ
Peaking Speed	0.2 /sec

Motors

Electrical Interface	24 VDC 10A Max.
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RF Interface

Radio Mounting	Feed Arm
Axis Transition	Twist-flex Guide
Waveguide	WR75 Cover Flange Interface
Coaxial	RG6U from feedhorn to base connector

Packagin Cases

Case1	6-piece antenna 48.5x71x39cm; 32kg
Case 2	4U rack mount with iNetVu 7000B controller + cables; 32 kg

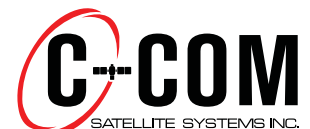
Ku-Band (Linear)

Transmit Power	1 to 200 watt
Transmit (Tx) Frequency	13.75 - 14.50 GHz
Receive (Rx) Frequency	10.70 - 12.75 GHz
Feed - 2Port XPol	

	Receive	Transmit
Feed Interface	WR75	WR75
Efficiency	70%	70%
Midband Gain	41.5 dBi	43.5 dBi
Antenna Noise Temp.		
10° Elevation	45°K	
30° Elevation	24°K	
Sidelobe better than	1.5°<θ<20° 20°<θ<26.3° 26.3°<θ<48° 48°<θ	29-25 Log θ dBi -3.5 dBi 32-25 Log θ dBi -10 dBi Typical
Cross-Polarization on Axis	30 dB	35 dB
Within 1dB Beamwidth	25 dB	30 dB
Return Loss	17.7 dB typ.	20dB typ.
Insertion Loss	0.3 dB typ.	0.1 dB typ.
Tx/Rx Isolation	40 dB	90 dB
VSWR	1.3:1	1.3:1

Standard warranty: 2 years

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120

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TECHNICAL SPECIFICATIONS

The iNetVu 120 fixed motorised antenna system is a self-pointing auto-acquire unit that can be mounted either as a permanent installation or on a portable fixed base.



- Designed to work with the iNetVu 7000 controller
- Works seamlessly with the world's most popular commercially available satellite modems
- 3 Axis motorization
- Supports manual control when required
- It is a cost effective solution for multi-satellite communication at any location
- One button, auto-pointing controller acquires any Ku or C band satellite within 2 minutes
- Locates satellites using the most advanced satellite acquisition methods
- Using the proprietary iNetVu algorithm the system can successfully track inclined orbit satellites
- Eliminates costly re-pointing and network downtime due to adverse weather conditions
- Can be easily relocated when mounted on a semi-permanent platform without the need for any specialised equipment
- Any compatible fixed installation can be easily converted and upgraded to a fully motorised system
- Supports ASC 1.2m antenna (Model# 123/125)

Application Versatility

The 120 system is easily configured to provide instant access to satellite communications for any application that requires reliable and/or remote connectivity in a rugged environment. Ideally suited for industries such as Oil & Gas Exploration, Mining, Disaster Management, Construction, Mobile Offices and Emergency Services.

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TECHNICAL SPECIFICATIONS

Mechanical

Antenna size	1.2m (48")
Reflector Material	Glass reinforced polyester SMC
Mount Type	Three axis Motorised, Galvanised steel
Antenna optics	Prime Focus, offset feed
Mast size	2.5 SCH 80 pipe (3.00" OD)
Elevation range	80° (10° to 90° adjustable)
Azimuth Range	340° Linear Orthogonal
Polarization Range	± 90°
Shipping Specifications	

Environmental

Wind loading	
Operational	45mph (72 km/h)
Survival	125mph (200 km/h)
Temperature	
Operational	-40° to 140° F (-40° to 60° C)
Survival	-50° to 160° F (-46° to 71° C)

Electrical

Elevation Actuator	24 Volt, 24" stroke
Azimuth Actuator	24 Volt, 12" stroke
Motor Cable	16 AWG, 50' (15M)
Sensor Cable	24 AWG, 50' (15 M)

Ku-Band

Operating Frequency (GHz)	
Receive	10.70 - 12.75
Transmit	13.75 - 14.50
Midband gain (± .2dB)	
Receive	41.8 dBi
Transmit	43.3 dBi
Antenna Noise Temp.	
10° Elevation	45K
30° Elevation	24K
Sidelobe Envelope Co-Pol	
1.5° <θ < 20°	29-25 Logθ dBi
20° <θ < 26.3°	-3.5 dBi
26.3° <θ < 48°	32-25 Logθ dBi
48° <θ < 180°	-10dBi Typical
Cross Polarization	>30 dB in 1dB contour
VSWR	1.3:1 Max
Feed Interface	
Receive	Type F or N
Transmit	WR 75

Standard warranty: 2 years

1500 Carbon Fibre



TECHNICAL SPECIFICATIONS



Electrical

Tx & Rx cables	2 RG6 cables (10m each)
Control Cables	
Standard	10m Ext. Cable with MIL Connectors
Optional	upto 75m available

Mechanical

Reflector	1.5 m Carbon Fibre Reinforced Polymer
Reflector Configuration	Parabolic Single Offset, 0.78 F/D (16.9° offset)
Mount Geometry	Elevation over Azimuth
Deployment Sensors	GPS antenna
	Compass $\pm 2^\circ$
	Tilt sensor $\pm 0.2^\circ$

Physical

Mounting Plate	L: 52" (1321mm) W: 22" (559mm)
Stowed Dish Ext. Dims	L: 74.5" (1892mm) W: 60.5" (1537mm)
	H: 19.25" (488mm)
Deployed Height	71" (1803 mm) Max.
Reflector Weight	16 lbs (7.3 kg)
Total Weight w/ Reflector	183 lbs (83.2 kg)

RF Interface

Radio Mounting	Feed Arm / Rear of Base / Inside Vehicle
Axis Transition	Twist-Flex Waveguide
Waveguide	WR75 Cover Flange Interface
Coaxial	RG6U from Feedhorn to Base
Feed	2 port Xpol

Environmental Survival

Wind Deployed	70 mph (112 km/h)
Wind Stowed	140 mph (225 km/h)
Temperature	-40°F to 150°F (-40°C to 65°C)
Rain	
Operational	4 in/h (10 cm/h)
Survival	6 in/h (15 cm/h)
Relative Humidity	0 - 100%
Solar Radiation	360 btu/h/ft ² (1000 Kcal/h/m ²)
Radial Ice (survival)	1 in (25.4 mm)
Corrosive Atmosphere	As encountered in coastal and/ or industrial areas

Operational

Wind	45 mph (72 km/h)
Temperature	-22°F to 130°F (-30°C to 55°C)

Motors

Electrical Interface	12V DC 15A max.
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Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0 - 75°
Polarization	$\pm 90^\circ$
Elevation Deploy Speed	Variable 2°/sec typ
Azimuth Deploy Speed	Variable 15°/sec max, 10°/sec typ
Peaking Speed	0.2°/sec

Standard warranty: 2 years

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1500 Carbon Fibre



TECHNICAL SPECIFICATIONS



2 Port C Band (Linear)

	Receive	Transmit
Standard Frequency (GHz)	3.625-4.2	5.85-6.425
INSAT Frequency (GHz)	4.5-4.8	6.725-7.025
Gain (Midband, dBi)	33.4	37.2
Noise Temperature (°K)		
10 deg El	45	
20 deg El	40	
Cross Pol		
On Axis (Std)	-30 dB	-30 dB
On Axis (INSAT)	-35 dB	-35 dB
in 1 dB BW	-26 dB	-26 dB
Sidelobe Compliances	IESS 601 Std G	
VSWR	1.50:1	1.30:1
Isolation		
Tx / Rx (Std)	-60dB	0 dBm input
Tx / Rx (INSAT)	-70 dB	
Rx / Tx	0 dBm input	-35 dB

2 Port Cross Pol (Ku Band)

	Receive	Transmit
Standard Frequency (GHz)	10.70-12.75	13.75-14.5
Gain (Midband, dBi)	43.6	44.9
Noise Temperature (°K)		
10 deg El	65	
20 deg El	58	
Cross Pol		
On Axis	-35 dB	-35 dB
in 1 dB BW	-28 dB	-28 dB
Sidelobe Compliances	Meets ITU 580, INTELSAT	
VSWR	1.50:1	1.30:1
Isolation		
Tx / Rx	-85 dB	0 dBm input
Rx / Tx	0 dB input	-35 dB

Note:

C band Linear & INSAT specifications are the same except where stated separately

1800



TECHNICAL SPECIFICATIONS



RF Interface

Radio Mounting	Feed Arm / Rear of Base / Inside Vehicle
Axis Transition	Twist-Flex Waveguide
Waveguide	WR75 Cover Flange Interface
Coaxial	RG6U from Feedhorn to Base Controller
Electrical Interface	10m ext. Cables with MIL Connectors
Feed	2 port - XPol

Motors

Electrical Interface	12 VDC 15A Max.
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Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0-80°
Polarization	± 90°
Elevation Deploy Speed	Variable 2° /sec typ
Azimuth Deploy Speed	Variable 15° /sec typ, 10° /sec typ
Peaking Speed	0.1° /sec
VSWR	1.3:1 Max

Mechanical

Reflector	1.8m Offset Feed
Mount Geometry	Elevation over Azimuth
Deployment Sensors	GPS Antenna Compass ± 2° Tilt Sensor ± 0.2°
F/D Ratio	0.61

Physical

Mounting Plate	L: 52" (1321mm) W: 28" (711mm)
Stowed Dish Ext. Dims	L: 98.1" (2492mm) W: 74.3" (1887mm) H: 26.4" (671mm)
Deployed Height	97.8" (2484mm)
Weight	341 lbs (155 kg)

Environmental Survival

Wind Deployed	70 mph (112km/hr)
Wind Stowed	140 mph (225 km/hr)
Temperature	-40° F to 150° F (-40° C to 65° C)

Operational

Wind	45 mph (72 km/hr)
Temperature	-26°F to 130°F (-32°C to 55°C)

Coax Cables

Standard	
Ku Band	Tx / Rx at 75 ohm (F-Type)
C Band	Tx / Rx at 75 ohm (F-Type)
Optional	Tx at 50 ohm (N-Type)

Standard warranty: 2 years

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1800



TECHNICAL SPECIFICATIONS



Electrical

Rx & Tx Cables
Standard: 2 RG6 cables (10m each)
Optional: 10m Ext. Cable upto 75m available

Ku-Band (Linear Orthogonal)

Transmit Power	1 to 200 Watt *	
	Receive	Transmit
Frequency	10.70 - 12.75 GHz	13.75 - 14.50 GHz
Feed Interface	WR75	WR75
Efficiency	70%	70%
Midband Gain	45.0 / 45.3 dBi	47.0 dBi
Antenna Noise Temperature		
10° Elevation	55 K	
30° Elevation	50 K	
Sidelobe Envelope, Co-Pol (dBi)		
	2° < θ < 20°	29 - 25 Log θ dBi
	20° < θ < 26.3°	-3.5 dBi
	26.3° < θ < 48°	32-25 Log θ dBi
	48° < θ	-10 dBi (averaged)
Cross-Polarization		
On Axis	30 dB	30 dB
Within 1 dB Beamwidth	22 dB	26 dB

X-Band (Circular)

Frequency	7.25 - 7.75 GHz	7.9 - 8.4 GHz
Feed Interface	WR112	WR112
Midband Gain	41.5 dBi	42.2 dBi
Antenna Noise Temperature		
10° Elevation	38 K	
30° Elevation	35 K	
Sidelobe Envelope, Co-Pol (dBi)		
	2° < θ < 20°	29 - 25 Log θ dBi
	20° < θ < 26.3°	-3.5 dBi
	26.3° < θ < 48°	32 - 25 Log θ dBi
	48° < θ	-10 dBi (averaged)
Cross-Polarization		
On Axis	23 dB	21 dB
Within 1 dB Beamwidth	23 dB	21 dB

C-Band (Linear)

	Receive	Transmit
Frequency (Std)	3.4 - 4.2 GHz	5.700 - 6.725 GHz
Frequency (INSAT)	4.5 - 4.8 GHz	6.725 - 7.025 GHz
Feed Interface	WR229	WR137
Midband Gain	36.0 dBi	39.8 dBi
Antenna Noise Temperature		
10° Elevation	55 K	
30° Elevation	50 K	
Sidelobe Envelope, Co-Pol (dBi)		
	2.0° < θ < 20°	29 - 25 log θ
	20° < θ < 26.3°	-3.5 dBi
	26.3° < θ < 48°	32 - 25 log θ
	48° < θ	-10 dBi (averaged)
Cross-Polarization		
On Axis (Std)	30 dB	30 dB
On Axis (INSAT)	35 dB	35 dB
Within 1 dB Beamwidth	22 dB	25 dB

C-Band (Circular)

Frequency	3.625 - 4.200 GHz	5.850 - 6.425 GHz
Feed Interface	WR229	WR137
Midband Gain	35.6 dBi	39.5 dBi
Antenna Noise Temperature		
10° Elevation	65 K	
30° Elevation	60 K	
Sidelobe Envelope, Co-Pol (dBi)		
	2.0° < θ < 20°	29 - 25 log θ
	20° < θ < 26.3°	-3.5 dBi
	26.3° < θ < 48°	32 - 25 log θ
	48° < θ	-10 dBi (averaged)
Cross-Polarization		
On Axis	15.3 dB	17.7 dB
Within 1 dB Beamwidth	15.3 dB	17.7 dB

* Depending on size and weight for feed arm mounting limitation

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Specifications are subject to change

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180

iNetVu[®]
by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS

The iNetVu 180 fixed motorised antenna system is a self-pointing auto-acquire unit that can be mounted as a permanent installation. Works seamlessly with the auto-pointing iNetVu 7000B controller.



- Designed to work with the iNetVu 7000B controller
- Works seamlessly with the world's most popular commercially available satellite modems
- 2 Axis motorization
- 3rd Axis (Polarization) optional
- Supports manual control when required
- It is a cost effective solution for multi-satellite communication at any location
- One button, auto-pointing controller acquires any Ku or C band satellite within 2 minutes
- Locates satellites using the most advanced satellite acquisition methods
- Using the proprietary iNetVu algorithm the system can successfully track inclined orbit satellites
- Eliminates costly repointing and network downtime due to adverse weather conditions
- Can be easily relocated when mounted on a semi-permanent platform without the need for any specialised equipment
- Any compatible fixed installation can be easily converted and upgraded to a fully motorised system
- Supports Prodelin 1.8m antenna (Model# 1184)

Application Versatility

The 180 system is easily configured to provide instant access to satellite communications for any application that requires reliable and/or remote connectivity in a rugged environment. Ideally suited for industries such as Oil & Gas Exploration, Mining, Disaster Management, Construction, Mobile Offices and Emergency Services.

Standard warranty: 2 years

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TECHNICAL SPECIFICATIONS

Mechanical

Antenna size	1.8m (71")
Reflector Material	Glass reinforced polyester SM
Mount Type	Dual axis Motorised, Galvanised steel
Antenna optics	Prime Focus, offset feed
Mast size	3.5 SCH 40 pipe (4.00" OD)
Elevation range	70° (10° to 84° adjustable)
Azimuth Range	100° - (360° Manual adjustable)
Polarization Range	± 90°
Shipping Specifications	445 lbs (200Kg.)

Environmental

Wind loading	
Operational	50mph (80 km/h)
Survival	125mph (201 km/h)
Temperature	
Operational	-40° to 140° F (-40° to 60° C)
Survival	-50° to 160° F (-46° to 71° C)

Electrical

Elevation Actuator	24 Volt, 24" stroke
Azimuth Actuator	24 Volt, 12" stroke
Motor Cable	16 AWG, 50' (15M)
Sensor Cable	24 AWG, 50' (15 M)

Ku-Band

Operating Frequency (GHz)	
Receive	10.95 - 12.75
Transmit	14.0 - 14.50
Midband gain (± .2dB)	
Receive	45.0 dBi
Transmit	46.5 dBi
Antenna Noise Temp.	
10° Elevation	44K
40° Elevation	33K
Sidelobe Envelope Co-Pol	
Mainbeam <0<7°	29-25 Log0 dBi
7° <0< 9.2°	+8 dBi
9.2° <0 <48°	32-25 Log0 dBi
48° <0 <180°	-10dBi Ave.
Cross Polarization	>30 dB on axis
VSWR	1.3:1 Max
Feed Interface	
Receive	Type F or N
Transmit	WR 75

C-Band (Circular)

Operating Frequency (GHz)	
Receive	3.625 - 4.2
Transmit	5.850 - 6.425
Midband gain (± .2dB)	
Receive	35.5 dBi
Transmit	39.9 dBi
Antenna Noise Temperature	
10° Elevation	30K
40° Elevation	20K
Sidelobe Envelope Co-Pol	
Mainbeam <0<7°	29-25 Log0 dBi
7° <0< 9.2°	+8 dBi
9.2° <0 <48°	32-25 Log0 dBi
48° <0 <180°	-10dBi Ave.
VSWR	1.3:1 Max
Feed Interface	
Receive	CPR 229 F
Transmit	CPR 137 or type N

C-Band (Linear)

Operating Frequency(GHz)	
Receive	3.625 - 4.2
Transmit	5.850 - 6.425
Midband gain (± .2dB)	
Receive	35.5 dBi
Transmit	39.9 dBi
Antenna Noise temperature	
10° Elevation	56K
40° Elevation	46K
Sidelobe Envelope Co-Pol	
Mainbeam <0<7°	29-25 Log0 dBi
7° <0< 9.2°	+8 dBi
9.2° <0 <48°	32-25 Log0 dBi
48° <0 <180°	-10dBi Ave.
Cross Polarization	>30 dB on axis
VSWR	1.3:1 Max
Feed Interface	
Receive	CPR 229 F
Transmit	CPR 137 or type N

Standard warranty: 2 years

7000B 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
	Radyne DMD20 DMD20 LBST SkyWire MDX420	Tachyon CI-1300 Ruggedized RMG	Gilat Skyedge II Skyedge IP
Eastar UHP-1000	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



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Beacon Receiver



TECHNICAL SPECIFICATIONS



The iNetVu BR300L 19" rack mount Beacon Receiver is a high performance unit designed to track the power density of a satellite beacon in real time. It supplies a DC voltage output that is linearly proportional to the beacon power by utilizing a true, RMS - responding power detector.

The BR300L has been specifically designed to work seamlessly with all iNetVu controllers and antenna platforms.

System Specifications

Input Frequency	930 MHz - 2300 MHz
Pre-detection Bandwidth	50 kHz
Input Level	- 90 dBm (min), -30 dBm (max)
Frequency Tuning	10 kHz steps
Frequency Adjust	Front panel or remotely
AFC	± 23 kHz
Threshold	45 dB-Hz, for acquisition
Input Impedance	75 Ohm
Input Connector	Type F, Female
Output Impedance	100 Ohm, Single ended
Output Connector	Terminal Plug & BNC Female
Tracking Gradient	0.5 V/dB
Tracking Response	0 to +10 VDC
System Level Range	60 dB
System Level Adjust	0 to 60 dB, 0.5 dB Steps
Frequency Stability	<1 ppm, 0° c to +50° c
Frequency Reference	10 MHz (Internal)

Phase Noise	>75 dB-Hz, 1 kHz from Carrier
Alarms	Unit Lock
Alarm Relay	Form-C
External LNB Power	+18 VDC, Switched, In/Out, 500ma, max
Front Panel Display	Vacuum Flourescent
M & C	RS-232 or RS-422/485 switched on rear panel
M & C Connector	DB-9, Female

Environmental Specifications

Operating Temperature	0° c to +50° c
Storage Temperature	-40° c to +70° c
Humidity	95% RH @ 40° c

Physical Specifications

Size	1.75" H X 16" D X 19" W
Weight	8 lb. (3.63 Kg)
Primary Power	90-264 VAC 47 - 63Hz, 1.4A Autosensing

Standard warranty: 2 years

Note: For input impedance and input connector, 50 Ohm N or SMA Type is available.

3000C Controller

iNetVu[®]
by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS



The new iNetVu 3000C hand-held manual controller has the same look and feel as a video game controller. It allows you to operate the platform without having the auto-pointing controller or PC attached to it. In addition, this controller makes it possible to operate the iNetVu mobile antenna at variable speeds.

A useful tool for conducting demonstrations, installations, testing or for emergency backup situations.

Features

- Jog control on 3 axis
- Compatible with all iNetVu Mobile Platforms
- Ability to raise, stow, and move the iNetVu Mobile Platform during demos, installations, trouble-shooting etc.
- Compact, ergonomic case design
- LCD display for operation and limits status
- 10-speed operation
- Directly attachable to any 12VDC power supply
- Enhanced operation with feedback control

Electrical

Power Input	12 VDC @ 15Amp max.
Motor	9 pin, 15 ft cable.
Sensor	DB-26, 15 ft sensor cable.

Environmental

Operating temperature	-20° C to +60° C
Storage temperature	-40° C to +70° C
Standard	RoHS compliant

Mechanical

Dimensions	7" (W) x 5" (H) x 2" (D)
Weight	500 gm

Standard Warranty: 2 years

Please Note:

Motor and sensor cables are compatible with 7000 controller

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SolarPack



TECHNICAL SPECIFICATIONS

The iNetVu SolarPack is a rugged, portable solar power system that can supply up to 600W of quiet AC power for fast-deployment, multi-day situations. The S1600 is ideal for communication and/or electronic equipment where reliable, high quality power is required.



- Provides reliable, high-quality AC or DC current
- Compact, complete system to provide independent, clean and quiet power supply
- Rugged, weatherproof, wheeled case with stainless steel bearings and a retractable handle plus two side handles for efficient handling
- Modular, hot-swappable and easily scalable by adding extra modules
- Full Featured Battery Monitor
- Automatic overload shutdown, over-temperature and high surge protection, low voltage alarm and shutdown to protect total battery discharge
- Choice of sealed, low maintenance Lead-Acid battery or light-weight super long life Lithium battery
- 2 high-efficiency, 62W, foldable solar panels (expandable to 8 panels)
- Advanced 25A charge controller
- Efficient and rugged electronic inverter for either 120V/60Hz or 240/50Hz AC power
- Versatile connectivity allows easy use of 12VDC direct from battery
- System can be charged using solar power, 12V vehicle socket or grid powered battery charger

Application Versatility

The SolarPack system is ideally suited and easily configured to provide power for many types of equipment that need high quality, reliable power in a rugged environment; such as: portable satellite antenna; office appliances in the field; or emergency response / checkpoint equipment such as LED arrays or VHF radios.

Run time

For a remote office complete with satellite connectivity (iNetVu Flyaway antenna; 7000 Controller; Satellite modem; 3W BUC; Laptop computer; IP Phone) run time will vary depending on factors such as intensity of sunlight, equipment power requirements and usage discipline, however, the following should be attainable under the indicated conditions [in each case, starting with fully charged battery(s)]:

- 5 hours - on battery alone with little or no solar input (i.e., when panels are not deployed or in cloudy weather)
- 10 hours (a single, long working day) – 1 module with 2 solar panels properly deployed and monitored and uninterrupted, bright, direct sunlight

Note: Performance of solar charging function depends on adequate exposure to sunlight

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TECHNICAL SPECIFICATIONS

Battery (Lead-Acid)

Voltage	12VDC
Capacity	100 Amp/hr
Type	VRLA - Valve Regulated Lead Acid
Life Expectancy	Active - 200 cycles @ 100% discharge - 1,100 cycles @ 30% discharge Standby - 5 years

Battery (Lithium Phosphate)

Voltage	12VDC
Capacity	110 Amp/hr
Type	Lithium Iron Magnesium Phosphate
Life Expectancy	Active - 2,000 cycles @ 100% discharge - 30,000 cycles @ 30% discharge Standby - 12 years

Charge Controller

Nominal Capacity	25 Amps, MPPT (Multi Power Point Tracking)
Efficiency	97% @ 14 VDC, 20 Amp output

Solar Panel (Each)

Nominal Power	62W
Nominal voltage	12
Max voltage	20VDC
Max amperage	3.1A
Length	133.5 cm (unfolded)
Width	76 cm (unfolded)
Thickness	0.254 cm (unfolded)
Weight	1.5 Kg

Inverter

Output Voltage	120 VAC or 240VAC
Frequency	60 Hz or 50 Hz
Power (cont.)	600W
Surge Peak	860W
Waveform	Pure Sinewave
Configuration	Shelf-mount

DC power out

Voltage	12VDC
Amperage	15A
Connection	Vehicle socket (female)

DC power in

(from vehicle socket or grid connected charger)

Voltage	12VDC
Amperage	15A

Physical (base module)

Weight:	
with lithium battery	34.3 Kg
with lead-acid battery	54 Kg
Shipping weight:	
with lithium battery	36.7 Kg
with lead-acid battery	56.4 Kg
Dimensions	50 x 31 x 46 cm (L x W x H)
Temperature range	-5C to 60C

Physical (inverter in case c/w cable)

Weight	9.5 Kg
Dimensions	56 x 37 x 16.5 cm (L x W x H)
Temperature range	-5C to 35C

Warranty

1 Year

Standards Compliance	CE and FCC
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Note: Performance of solar charging function depends on adequate exposure to sunlight

TECHNICAL SPECIFICATIONS

The PowerSmart 2480 has been designed to provide 24/48VDC or 110/220 VAC power to external amplifiers/BUCs, and includes features to support Monitor and Control (M&C) functions for several products. Most DC/AC powered BUCs and SSPAs, and TWAs can be integrated with the PowerSmart 2480, for an efficient and convenient hardware solution to provide POWER plus M&C Control to an outdoor transmitter unit.



- 19 inch 1U rack mount unit
- Amplifier functions such as TX Enable/Disable and operational status can be monitored and controlled from a convenient operator control panel.
- The amplifier manufacturer's software can typically be operated from a PC platform through the configurable port, over RS232, RS485, or SNMP interface as required.
- Enabling the Transmit function, monitoring BUC faults and the presence of 10MHz reference on the IFL, verifying output power level, and other common functions along with the rack mount format make the PowerSmart 2480 a value-added solution to higher-powered VSAT applications.
- Configuration parameters, onboard statistics, and fault information can be accessed via the amplifier's control interface (if available) through a convenient data port on the panel.
- Optional support for Bias-T, DC Blocker, MUX-T with 10 MHz Clock, all in one convenient rack mount enclosure.

Application Versatility

The iNetVu PowerSmart 2480 is ideal for applications where a VSAT Transmitter/Amplifier requires more power than a Satellite Modem can provide over the TX output. This is typical for larger Block Up Converters (BUC) or Power Amplifiers (SSPA, TWA, etc) that are over 8 Watts RF output power.

Standard warranty: 2 years

TECHNICAL SPECIFICATIONS

Output

Model	P2480A	P2480B	P2480C
Voltage	48 VDC	24 VDC	110 / 220 VAC
Rated Current	10 A	20 A	6.5A / 115 VAC 3.5A / 230 VAC
Rated Power	480 W	480 W	

Input

Voltage Range	85 - 264 VAC	85 - 264 VAC	85 - 264 VAC
Frequency Range	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
AC Current	6.5A / 115 VAC 3.5A / 230 VAC	6.5A / 115 VAC 3.5A / 230 VAC	6.5A / 115 VAC 3.5A / 230 VAC

Front Panel Switches

Power	ON / OFF
BUC Control	Enable / Disable transmitter

Compatibility

Supports most AC / DC Powered BUC in the market

BIAS-T Thruplexer (Optional)

C-COM standard	L-Band and 10 MHz pass (not generated)
C-COM Mux-T	Provides 10 MHz Reference Generation Capability L-Band pass, plus 10 MHz Clock, plus DC / DC Block

PC Interface

DB9 on front panel used to access BUC Software via PC

BUC Interface

RS-232	BUC / AMP dependent - P2480 Adaptable / configurable
RS-485	BUC / AMP dependent - P2480 Adaptable / configurable
SNMP	BUC / AMP dependent - P2480 Adaptable / configurable

Environmental

Operational Temperature	-20° C to +60° C
Storage Temperature	-40° C to +85° C
Humidity	10 - 95% RH

Physical

Dimensions	W: 48.3 cm D: 36.2 cm H: 4.5 cm
Weight	6.3 Kg

Certifications

FCC, CE, QPS

Transportable Cases



TECHNICAL SPECIFICATIONS



iNetVu 1200 2-Case, 1-Piece Reflector



iNetVu 980 Case

Ideal for Mobile Applications:

- Military Field Sites, Homeland Security and Police Units
- Disaster Recovery Operations
- Mobile Medical Units
- Remote and Temporary Field Offices
- Mining and Forestry Operations
- News / Media Events
- Almost any other store/ship/deploy application

Major Features

- Available in Attractive Black-Coloured ATA Cases
- High-grade Aluminum Extrusion Frames
- Durable Plastic and Plywood Laminate Panels
- Water-resistant Flat Surface with Drains
- Closed Cell Foam Padding
- Unique L-Shaped Interlocking Covers
- High-Strength Latches, Corners, and Recessed Handles

External Dimensions (All Heights Include Wheels)

Model Type	(W x H x L)	Weight [cases only]	Total Weight [system included]
iNetVu Ka66	145 x 84 x 50 cm	45.5 Kg	110 Kg
iNetVu 740	157 x 110 x 46 cm	54.5 Kg	110 Kg
iNetVu 750	157 x 110 x 46 cm	54.5 Kg	110 Kg
iNetVu 980	170 x 109 x 89 cm	68 Kg	160 Kg
iNetVu 1200 1-case	219 x 143 x 84 cm	95.5 Kg	164 Kg
iNetVu 1200 2-case, 1-pc Reflector			
• Base Unit Case	216 x 66 x 66 cm	68 Kg	137 Kg
• Reflector Unit Case(No Wheels)	127 x 122 x 20 cm	30 Kg	45.5 Kg
iNetVu 1200 2-case, 2-pc Reflector			
• Base Unit Case	216 x 66 x 66 cm	68 Kg	150 Kg
• Reflector Unit Case (No Wheels)	132 x 26 x 147 cm	40 Kg	52 Kg
iNetVu 1200 Flyaway(No Wheels)			
• Tripod Case	45 x 40 x 119 cm	14.4 Kg	35.9 Kg
• Feed arm & Actuator Case	51 x 22 x 124 cm	12.9 Kg	22.7 Kg
• 2-pc Reflector Unit Case	33 x 72 x 133 cm	20.5 Kg	40.3 Kg
iNetVu 1800 2-case, 1-pc Reflector			
• Base Unit Case	213 x 86 x 79 cm	82 Kg	168 Kg
• Reflector Unit Case (No Wheels)	218 x 206 x 35 cm	68 Kg	114 Kg
iNetVu 5000/9000/7000 Controller			
• Rack Mount Case (No Wheels)	74 x 51 x 72cm	26 Kg	30 Kg



iNetVu 980 Case



iNetVu 5000 / 9000 / 7000 Controller Rack Mount Case

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Cables



TECHNICAL SPECIFICATIONS



Motor Cable



Sensor Cable



The iNetVu product line offers a wide range of cables to address the needs of its resellers. The iNetVu standard configuration includes four types of cables:

External Motor Cable - 8 conductor cable

- 14 AWG / 16 AWG / 18 AWG
- Metalized AMP 9 Pin to AMP 9 Pin connectors
- 30 feet (9.144m)

External Sensor Cable - 25 conductor cable

- 24 AWG
- Metalized AMP 16 Pin to DB26 connector
- 30 feet (9.144m)

External Transmit Cable (TX) - RG6 Co-axial cable

- F-Type connectors
- 75 ohm
- 30 feet (9.144m)

RX Cable Splitter - 2 to 1 Splitter

- F-Type connectors
- 75 ohm

Modem Cable - RG6 Co-axial cable

- F-Type connectors
- 75 ohm
- 3 feet (.914m)

Controller Cable - RG6 Co-axial cable

- F-Type connectors
- 75 ohm
- 3 feet (.914m)

The external cables are also offered in sets of 50 feet (15.24m), 100 feet (30.48m), 150 feet (45.72m) and 200 feet (60.96m). You can also order the TX cable in 50 ohm with a N-Type connector and the RX cable with a 50 ohm and a N-Type connector.