FLY-98H (iDirect & Skyware Hardware)

98cm satellite antenna system

A highly portable, self-pointing, auto-acquiring unit providing fast satellite acquisition within minutes, anytime anywhere

KEY FEATURES

- One-Piece, high surface accuracy, offset feed, steel reflector
- Heavy duty feed arm capable of supporting up to 5kg (10lbs) Ka transceiver
- Designed to work with the iNetVu® 7710 Controller
- Works seamlessly with the world's emerging commercial Ka modems and services
- 2 Axis motorisation
- Supports manual control when required
- Captive hardware / Fasteners
- One button, auto-pointing controller acquires Ka-band satellite within 2 minutes
- 10 minute assembly by one person, no tools required
- Compact packaging; 3 ruggedized cases
- Supports Skyware Global 98 cm Ka antenna
- Works with Yahsat (MENA) and Avanti (Europe)
- Standard 2 year warranty

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GRC Mission Critical Communications

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OVERVIEW

The iNetVu® FLY-98H Flyaway Antenna is a 98 cm satellite antenna system which is a highly portable, self-pointing, auto-acquire unit that is configurable with the iNetVu® 7710 Controller providing fast satellite acquisition within minutes, anytime anywhere.

It can be assembled in 10 minutes by one person. If you operate in Ka-band, the FLY-98H 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.

This next generation Flyaway Ka terminal delivers affordable broadband Internet services (High-speed access, Video & Voice over IP, file transfer, e-mail or web browsing).

Ideally suited for industries such as Oil & Gas Exploration, Military Communications, Disaster Management, SNG, Emergency Communications Backup, Cellular Backhaul and many others.

TECHNICAL SPECIFICATION

Mechanical	
Reflector	98cm Elliptical antenna, offset feed
Platform Geometry	Elevation over azimuth
Deployment Sensors	GPS Antenna, Compass ± 2° Tilt sensor ± 0.1°
Azimuth	± 175°
Elevation	0 - 90°
Polarisation	± 45°, Circular Auto
Deploy Speed	Elevation: Variable, 3°/sec typ. Azimuth: Variable, 3°/sec typ.
Peaking Speed	0.1°/sec
Electrical	
Frequency (GHz)	Rx: 19.20 - 20.20 Tx: 29.50 - 30.0
Feed Interface	RG6 (circular)
Midband Gain (± 0.2 dBi)	Rx: 43.50 @ 19.75 GHz Tx: 46.60 @ 29.75 GHz
RF Interface	
Radio mounting	Feed Arm
Coaxial	RG6U F Type to tripod base
Physical	
Case 1: Reflector	109 x 109 x 29 cm (L x W x D) 43 x 43 x 11.5" (L x W x D) 32 Kg
Case 2: Tripod / Feed arm	114 x 50 x 27 cm (L x W x D) 45" x 19.5" x 10.5" (L x W x D) 32 Kg
Case 3: Controller	44.5 x 80 x 38 cm (L x W x D) 17.5" x 31.5" x 15.5" (L x W x D) 32 Kg
Environmental	
Temperature	-30° to 60°C (operational) -40° to 65°C (survival)
Ingress Rating	IP66

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