

# Ka-75V

**iNetVu**<sup>®</sup>  
by C-COM Satellite Systems Inc.

## TECHNICAL SPECIFICATIONS

The iNetVu<sup>®</sup> Ka-75V Drive-Away Antenna is a 75 cm auto-acquire satellite antenna system which can be mounted on the roof of a vehicle for direct broadband access over any configured satellite. The system works seamlessly with the iNetVu<sup>®</sup> 7024C Controller providing fast satellite acquisition within minutes, anytime anywhere.

**"Authorized for use on ViaSat Exede<sup>®</sup> Enterprise and on KA-SAT NEWSSPOTTER NEWSGATHERING service by Eutelsat"**



### 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<sup>®</sup> 7024C Controller
- Works seamlessly with the world's emerging commercial ViaSat / KA-SAT satellite Surfbeam II/PRO Auto-acquire modems
- Auto beam select on KA-SAT Tooway services
- 2 Axis motorization
- Supports manual control when required
- One button, auto-pointing controller acquires Ka-band satellite within 2 minutes
- Locates satellites using the most advanced satellite acquisition methods
- Supports Skyware Global 75 cm Ka antenna
- Standard 2 year warranty

**ViaSat**

**eutelsat**  
type approved for KA-SAT

### Application Versatility

If you operate in Ka-band, the Ka-75V 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 mobile 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.

**C-COM**  
SATELLITE SYSTEMS INC.

PT Karsa Adiwidya Sukses

Jl. Bukit Cinere Kav. 179 A-B, Gandul, Cinere, Kota Depok, Indonesia  
Tel : +62-21-7534814 / Fax : +62-21-7534825  
Website : [www.pt-kas.co.id](http://www.pt-kas.co.id) / Email : [marketing@pt-kas.co.id](mailto:marketing@pt-kas.co.id)

Specifications are subject to change

July 2013

# Ka-75V

# iNetVu®

by C-COM Satellite Systems Inc.

## TECHNICAL SPECIFICATIONS

### Mechanical

|                        |   |
|------------------------|---|
| Reflector              | 75cm Elliptical Antenna, offset feed              |
| Platform Geometry      | Elevation over Azimuth                            |
| Deployment Sensors     | GPS antenna<br>Compass ± 2°<br>Tilt sensor ± 0.1° |
| Azimuth                | Full 360° in overlapping 200° sectors             |
| Elevation              | 0 - 90°   |
| Elevation Deploy Speed | Variable, 10°/sec typ.                            |
| Azimuth Deploy Speed   | Variable 5°/sec typ.                              |
| Peaking Speed          | 0.1°/sec  |

### Environmental

|               |                                |
|---------------|--------------------------------|
| Survival      |                                |
| Wind Deployed | 160 km/h (100 mph)             |
| Wind Stowed   | 225 km/h (140 mph)             |
| Temperature   | -40°C to 65°C (-40°F to 150°F) |
| Operational   |                                |
| Wind          | 72 km/h (45 mph)               |
| Temperature   | -30°C to 55°C (-22°F to 130°F) |

Thermal Test per MIL-STD-810F, Method 501.4, High/Low Temperatures  
Vibration Test per MIL-STD-810F, Annex A, Category 4, Truck/Trailer/Tracked  
Shock Test per IEC 60068-2-27

### Electrical

|                           |                                  |                 |
|---------------------------|----------------------------------|-----------------|
| Rx & Tx Cable             | 2 RG6 cables - 10 m (33 ft) each |                 |
| Control Cables            |                                  |                 |
| Standard                  | 10 m (33 ft) Ext. Cable          |                 |
| Optional                  | up to 60 m (200 ft) available    |                 |
|                           | <b>Receive</b>                   | <b>Transmit</b> |
| Frequency (GHz)           | 18.30 - 20.20                    | 28.10 - 30.00   |
| Feed Interface (Circular) | RG6                              | RG6             |
| Nominal G/T               | 17.5 dB/K                        |                 |
| Nominal EIRP              | 48.4 dBW                         |                 |

### RF Interface

|                |   |
|----------------|---|
| Radio Mounting | Feed Arm                                |
| Coaxial        | RG6U from Transceiver to Base Connector |

### Physical

|                            |                   |  |
|----------------------------|-------------------|--|
| Mounting Plate             | L: 131 cm (51.6") |  |
|                            | W: 45 cm (17.7")  |  |
| Stowed Reflector Ext. Dims | L: 145 cm (57")   |  |
|                            | W: 76 cm (29.9")  |  |
|                            | H: 29 cm (11.5")  |  |
| Deployed Height            | 122 cm (48")      |  |
| Platform Weight            | 52 kg (115 lbs)   |  |

### Motors

|                      |       |              |
|----------------------|-------|--------------|
| Electrical Interface | 24VDC | 8 Amp (Max.) |
|----------------------|-------|--------------|

### Shipping Weights & Dimensions

Crate: 183 cm x 109 cm x 66 cm (72" x 43" x 26"), 52 kg (114 lbs)  
Platform: 52 kg (115 lbs)  
7024C Controller: 6 kg (13 lbs)  
Cables: 5 kg (11 lbs)

Total weight: 115 kg (253 lbs)

Transportable Case Option:  
Base Case: 155 cm x 84 cm x 34 cm (61" x 33" x 13.5"), 107 kg (235 lbs)

PT Karsa Adiwidya Sukses

Jl. Bukit Cinere Kav. 179 A-B, Gandul, Cinere, Kota Depok, Indonesia  
Tel : +62-21-7534814 / Fax : +62-21-7534825  
Website : www.pt-kas.co.id / Email : marketing@pt-kas.co.id

**C-COM**  
SATELLITE SYSTEMS INC.

Specifications are subject to change

July 2013