

General Features

- No repointing costs (no installer).
- Requires little or no training to operate.
- Easily moved and set-up elsewhere.
- Auto-Acquire one-button technology.
- DVB-2 Signal Acquisition.
- Precision pointing.
- System is not affected by magnetic distortions to lock on any satellite.
- Operates globally in both hemispheres.
- Multiple BUC radio sizes available.
- Can find any linear polarized Ku-Band satellite.
- No software to install.
- Capable of tracking inclined orbiting satellites.
- Works with existing cable runs (no additional cables are needed for dish motors).



Dish Controller

- Simple one-button operation.
- Operates silently.
- Web accessible interface screen from any connected computer.
- Is able to locate and lock on any one of six linear Ku-band satellites independent of satellite gateway/modem.
- Intuitive Interface screens allow adjustments and overrides of many system parameters.



iDirect Satellite Service

- Up to 3 Mbps down and 1 Mbps up on Ground Control iDirect Service Platform.
- Global Service Plans.



TripleA Motorized Stationary VSAT System

Motorized Upgrade to Fixed Satellite Solutions



The TripleA Motorized Satellite Mount is a cost effective approach to broadband satellite communication by eliminating the need for a certified satellite technician for installation or re-pointing. The TripleA is a motorized, auto-acquire system that locks onto any Ku-band satellite at the touch of a button.

Technical Specifications

GENERAL INFORMATION

Platforms Multi-Platform (iDirect, Hughes, any Ku Band provider)

SATELLITE DISH

Dish Size..... 1.2 Meter reflector (Ku-Band)
 Mount Weight 47 lbs (21.3 kg) does not include dish and radio
 Max Cable Run 250' with RG-6 or 300ft with RG11
 Mast Outside Diameter 2 7/8 to 3" (70 to 76mm) OD, thick gage pipe
 Mount Geometry 3 Axis motor drive (elevation, azimuth & skew)
 Power Supplied through coax cable run from IDU
 Transmit Power (BUC Size) 4, 6, or 8 watt (4 watt standard)
 Receive/Transmit Frequency 950 to 1700 MHz (Ku Band)

DISH MOVEMENT SPECS

Azimuth 280°
 Elevation 10° to 85° from horizon
 Polarization ± 103° polarization rotation
 Repoint-Reacquire Time..... 3.5 to 10 minutes
 Repoint Time (from Stowed) 25 to 50 minutes
 Incline Orbit Tracking Yes

ENVIRONMENT

Wind Deployed Operational 50 MPH (80 KPH)
 Wind Stowed (Hurricane Setting) 125 MPH (200 KPH)
 Max Operational Temperature (at 100% humidity) Operational -40° F to 132° F (-40° C to 55° C)

IDU - DISH CONTROLLER

Dish Control Options..... Front panel. Power - Search - Stow.
 Browser Options..... System Parameters, choose 1 of 6 preconfigured
 Size 11" x 8" x 1.5" LxWxH (Available in 1U)

IDU - iDirect 3100 iNFINITI ROUTER

Download Speed Up to 3Mbps
 Upload Speed..... Up to 1Mbps
 Size (L x W x H) 9.5" x 11.5" x 2" (24.1 x 29.2 x 5.1 cm)
 LAN Interface Single 10/100 Ethernet, 802.1q VLAN

INDOOR EQUIPMENT POWER REQUIREMENTS (Both use AC/DC Power adapters)

Dish Controller (100-240VAC to DC 12V @ 4.8 Amp)..... 15 watts max (can be turned off after pointing)
 iDirect Modem (100-240 VAC to DC 24V @ 5 Amp)..... 75 watts (idle or transmitting on 4 watt BUC)



GROUND CONTROL

www.groundcontrol.com

800.773.7168