

## JabaSat Robotics III Banda Ku 1.2m



### Features:

[ Antena Auto-Deploy ]

- Intuitive touch screen controller supports auto or manual control
  - Advanced self leveling feature aids in satellite acquisition
  - 2 year standard warranty
  - Advanced peaking algorithm on cross-polarization alignment
  - No software to install
  - Unaffected by magnetic compass distortion
  - Handheld, 2U or 4U controller
  - Available in 0.98m, 1.2m, and 1.8m size
  - Available in custom colors and configuration
  - 380° azimuth scanning limit
  - One-Touch Deployment
  - Vehicle or Stand-Alone Deployment
  - Self-Aiming and Auto-Acquisitions
  - Fully compatible with most satellite modems
  - Low stow height
  - International platform
  - Industry-Unique Lifting Platform
- [ Modem BUC LNB ]

### SATCOM IN THE MOVE

@Land @Maritime @Airborne

### JabaSat Robotics III Banda Ku 1.2 Antenna

**Aplicaciones:** Telecomunicaciones, emergencia gubernamental, empresa, medio ambiente y territorio, transporte, desastres y socorro.

## Antenna JSR-III

## Especificaciones :

### Mechanical

Reflector Type	1.2 meter Prodelin
Mount Geometry	Elevation over Azimuth
Polarization	Vertical or Horizontal: 270° on both polarities
Deployment Sensors	GPS, Inclinometer
Azimuth	380°
Elevation	202° (includes 22.5 offset of dish)
Polarization (Skew)	Both polarities can be skewed by 270°
Deploy Elevation	1.8°/sec
Deploy Azimuth	5.3°/sec
Peaking Speed	0.10° increments

### Environmental

Deployed Wind Resistance	In excess of 87mph (140kph)
Stowed Wind Resistance	In excess of 87mph (140kph)
Operational Temperature	-40°C to 65°C/ -40°F to 150°F

### Electrical

Transmit & Receive Cables	2x RG6 cables (35ft)
Control Cable	Interface cable (35ft) *Longer cables available
Transmit Power	1 to 200 Watt
Frequency	Ku Band, KA Band, C-Band, Others

### Physical

Length Stowed	84" (2.1m)
Width Stowed	48" (1.2m) w/reflector 26" (0.7m) w/o reflector
Height Stowed	14.63" (0.4m)
Weight	285lbs (130kg) w/o reflector and RF equipment.

### Solid State Controller

Standard Controller	Visual displays of azimuth, elevation, cross pole and signal strength. Controller has momentary buttons for all axis control movements.
Dimensions	7.5"L x 6.38"W x 1.75"H (190mm x 162mm x 44mm) *Custom rack mounts available
Interface	Serial or Ethernet
Electrical	100-240V AC Input / 36V DC Output to Mount

### Warranty

2 year warranty, extended warranty available