

Mechanical

| | |
|-------------------------|---|
| Reflector Type | 1.2 Meter Glass Fiber |
| Mount Geometry | Elevation over Azimuth |
| Polarization | Vertical or Horizontal: 270° on both polarities |
| Deployment Sensors | GPS, Inclinometer, Counters |
| Azimuth | 380° |
| Elevation | 144° sweep from stow to full deploy |
| Elevation Max Look Back | 76.5° from 90° (Includes dish offset of 22.5°) |
| Deploy Elevation | Variable ~2°/sec |
| Deploy Azimuth | Variable ~5°/sec |
| Deploy Cross Pole | Variable ~45°/sec |

Physical

| | |
|----------------------------|---|
| Length Stowed | 76.4" (1.9m) w/reflector |
| Width Stowed | 48" (1.2m) w/reflector |
| | 19.5" (0.5m) w/o reflector |
| Height Stowed | 12.8" (0.3m) |
| Weight | 125 lbs (56.7 kg) w/o reflector and RF equip. 176 lbs (79.8 kg) complete |
| Boom Capacity (BUC Weight) | 15 lbs (6.8 kg) *custom solutions can be made for heavier BUCs |

- User interface accessible from any wifi enabled device
- No software to install
- Advanced self leveling feature aids in satellite acquisition
- Advanced peaking
- Faster deploy times
- Unaffected by magnetic compass distortion
- Standard controller is available as a desktop version or 1U rack mount
- Universal BUC mounting options
- Modem agnostic
- Custom configurations are available

Environmental

| | |
|--------------------------|---|
| Deployed Wind Resistance | Has been tested at 68 mph (100 kph) |
| Stowed Wind Resistance | Wind tunnel tested to 145 mph (233 kph) |
| Operational Temperature | -40°C to 65°C / -40°F to 150°F |





1.2m Autopoint Technical Specifications

Electrical

| | |
|-----------------------------------|--|
| Transmit & Receive Cables | 2 RG6 cables 50ft (15.2m) Standard |
| Control Cable | Interface cable 50 ft (15.2m) Standard * Longer cables available |
| Transmit Power (BUC) | 1 to 200 Watt |
| Frequency | Ku Band |
| TX | 13.75-14.5GHz |
| RX | 10.70- 12.75GHz |
| Polarization | Linear, Orthogonal |
| Feed Interface | WR75 |
| 3dB Beam Width TX | 1.2°@14.25GHz |
| RX | 1.38°@12.2GHz |
| TX Gain | 43.3dBi |
| RX Gain | 41.8dBi |
| Noise Temperature | 10°EL=45K 39; 30°EL=24K |
| Side Lobe Envelope | 1.5° < θ < 20° 29 - 25log θ dBi 20° < θ < 26.3° -3.5dBi 26.3° < θ < 48° 32 - 25log θ dBi 48° < θ < 180° -10 dBi |
| Cross Polarization | 35dB (On Axis) 30dB (in 1dB Contour) |
| Isolation RX (Port to Port) TX | > 40dB > 85dB |
| VSWR | 1.3:1 |

Warranty

1 year warranty, extended warranty available



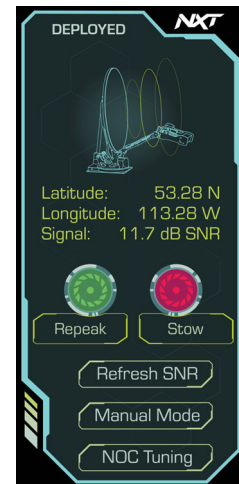
Controller Overall



Controller Rear View

Controller

| | |
|---------------------|---|
| Standard Controller | -User intuitive -Push button interface, or graphical interface via PC or smart device -Embedded training videos -Optional DVB capability |
| Dimensions | 11"L x 5.5"W x 1.75"H (280mm x 140mm x 44mm) * 1U rack mount option available |
| Interface | Serial or Ethernet |
| Electrical | 100-240 V AC / 40 VDC *typical draw is 14 Watts when idle, 200 Watts when searching. |



Controller Interface



YOUR PARTNER IN CRITICAL COMMUNICATIONS

www.hyperlinkinc.com +1 (866) 788-8728 or +1 (780) 469-4470