

## AUTO-EXPLORER™ 1.2 Meter Multi Band



### Options

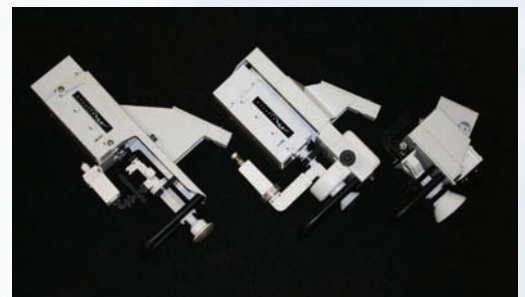
- Single, Dual, Tri-Band Configurations (X, Ku, Ka)
- Outdoor Modem Configuration
  - Eliminate L-Band Cabling
  - Supports Select iDirect, HNS and CEFD Modem Products
- Indoor Rack Mount Configuration
  - Supports any L-band Modem
- Baseband Enclaves (SIPR, NIPR)

### Features

- Fast, Reliable and Simple Satellite Acquisition
- Mission Adaptable Transport Flexibility
- Graphical User Interface Simplifies Operation
- ARSTRAT Certified, Ka-Band (#10-005)
- Paradigm Certified, X-Band
- WGS Certification Pending

Globecomm Auto-Explorer Multimedia Transportable Satellite Communications Terminals provide high-bandwidth, cost-effective two-way communications designed to meet the demands of military units, governmental agencies, corporations, and other organizations to extend the reach of their networks to remote locations where traditional telecommunications infrastructure is either inadequate or non-existent. Applications include voice, fax, data, video, Internet and LAN-to-LAN connections.

Whether the need is remote communications, live videoconferencing, surveillance or reconnaissance, this lightweight solution can be deployed in a matter of minutes.



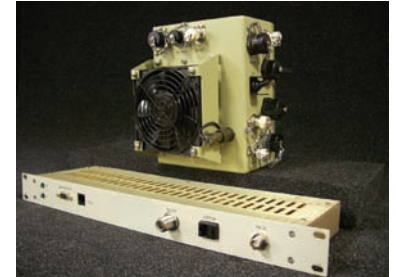
*Band specific feed cartridges with Integrated RF Electronics enable quick and simple frequency conversion in the field.*

## System Performance

G/T\* (dB/K)  
 EIRP\*\*(dBW)  
 Operational Freq. Transmit (GHz)  
 Operational Freq. Receive (GHz)  
 Antenna Pointing Accuracy  
 Data Rate, Modem Features  
 Wind Loading (Operational)  
 Temperature (Operational)  
 Temperature (Non-operational)  
 Transportation  
 Humidity  
 Sand/Dust

## Specification

X-Band	Ku-Band	Ka-Band
16.2	21.1	23.2
51.3	56.0	58.9
7.90-8.40	13.75-14.50	30.0-31.0
7.25-7.75	10.95-12.75	20.2-21.2
Per MIL-STD-188-164A		
Consult Modem's OEM Data Specification for details		
25 MPH gusting to 45 MPH (no ballast/anchors)		
-30 to +55° C		
-40 to +70° C		
MIL-STD-810F Method 514		
100 Percent – MIL-STD-810F Method 507.3		
MIL-STD-810F Method 510.2		



\* measured Mid-Band @ 20 Deg Elevation Angle  
 \*\* measured Mid-Band @ P1dB

## Transport Cases

Case*	Type	Weight (lbs)	Dimensions (inches)
Pedestal	Alloy Al	115	20 x 20 x 20
Reflector/Legs	Rotomold	113	37 x 31 x 23
Feed Boom/IFL	Rotomold	84	33 x 21 x 15
Electronics/Feed	Rotomold	85	32 x 20 x 20
Indoor Electronics	Rotomold	95	28 x 36 x 18

\* Case weight/dimensions may vary - subject to user configuration and exercised options.

Equipment descriptions and specifications are subject to change without notice or obligations.

## About Globecomm

Globecomm provides end-to-end managed services to meet the communications needs of organizations around the world. We offer a wide range of hosted and managed communications services that leverage our global transmission capacity and our network of data center, content management and switching facilities. Our expert teams can also advise you on the best ways to meet your critical communications needs. We can engineer and integrate individual systems or complex networks, and then support them through the lifecycle. Our engineering expertise has also produced a wide range of satellite terminal products ready for quick and cost-effective deployment. We specialize in providing total solutions that free you to focus on your core mission - whether it is telecommunications, broadcasting, retailing, serving constituents, maintaining security or projecting force. We deliver systems and services anywhere in the world, under any conditions. From secure military applications in a war zone to a hybrid terrestrial-satellite network under tight cost and schedule constraints, our worldwide team gets it done. Our company was founded by engineers and our services and systems are supported by one of the industry's largest in-house engineering staffs.

When we build components and products into our systems, you can count on the fact that we have tested them exhaustively for reliability, compatibility and suitability to your requirements. Our work with suppliers often results in substantial improvements to the products they provide us. And it permits us to make a vital commitment to our customers: that the solution we provide will work - with no excuses, no finger-pointing - no matter what.



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