



GATR 4 Meter Class Inflatable Terminal

Changing the shape of SATCOM

with the GATR 4 Meter Class Inflatable Terminal

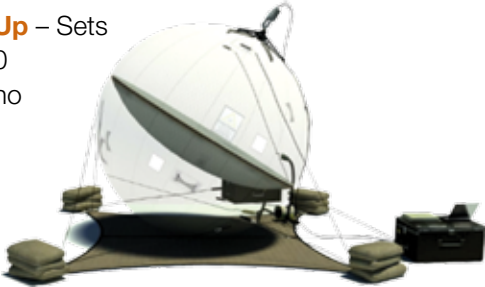
GATR has revolutionized the portable SATCOM industry with its patented, inflatable communications hub.

GATR's unique antenna design, an inflatable radome and flexible parabolic reflector mounted at the equator, enable deployment of a 4-meter class Ku-band satellite terminal in as few as four cases and under 400 lbs. (180 kg) total. This reduces pack-out weight and volume by over 80% compared to deployable rigid hubs, making it ideal for rapid insertion, remote applications and contingency scenarios for Military, Intelligence, and Homeland Security organizations.

Visit www.GATR.com, or contact us for demonstration.

Compared to deployable rigid dishes of comparable size, GATR's unique shape and design enable...

- › **Extreme Portability** – A high-capacity antenna that is 80+% less volume and weight than comparable rigid antennas (4 cases, less than 400 pounds total), enabling rapid insertion of hubs
- › **Lower Cost of Ownership** – Drastically reduces shipping expense in restoral services situations
- › **Reliability in Extreme Environments** – Greater stability in high winds (40+ mph). Durable in extreme
- › **Ease of Set Up** – Sets up in under 60 minutes with no special tools





GATR 4 Meter Antenna System Specifications

ENABLING COMMUNICATIONS AROUND THE WORLD

GATR 4 Meter Class Inflatable Terminal

GATR's unique inflatable design enable transport of GATR's 4m Ku-band terminal in 4 cases, weighing less than 400 lbs. total, making it The Most Portable 4-Meter Satellite Antenna in the World.



Specification		Ku-band	
Set Up Time	Under 60 minutes on satellite		
Size/Weight			
Antenna Case	4 cases approx. (35 x 29.6 x 24.5 in)	Less than 400 lbs. (181 kg) total	
Ground Anchor Kit			
Ku-band Kit			
Power Kit			
		Total Packaged volume ~ 59 cu. ft.	
Antenna and RF System			
Optics	Prime focus		
Reflector Construction	Flexible parabolic fabric		
Az/EI/Pol	Manual point and align		
Modem	Works with all standard SATCOM modems		
Satellite Location Controller	iDirect™ SNR tuning, Satellite acquisition, peaking, and cross pol adjustment using GPS or compass, and level inputs		
Interface	CAT-5 cable for IP applications		
Elevation	5 to 90 deg		
Azimuth	+/-10 deg of hold-downs		
Polarization	Linear		
Gain (transmit)	53.6 dBi		
Gain (receive)	50.8 dBi		
Cross-Pol Isolation	>30 dB		
G/T	>30 dB/K @ 20 deg elevation		
EIRP	69.6 dBW with 40W HPA		
LNB	Gain = 62 dB, NF = 0.7 dB		
TX Radiation Compliance (FCC)	FCC licensed		
Satellite System Compliance	Intelsat		
Environmental			
Temperature	Operational: -32 to +55°C Storage: -40 to +60°C		
Wind Load	Operational: 40 mph (64 kph),		Survivable: 60 mph (97 kph) with anchor spikes
Power Requirements			
Power	100-277V AC		
Consumption	< 400W		