






FlexGround Terminals

	GATR 2.4M	GATR 1.2M	GATR Flex 75cm
			
Size/Weight	Standard Antenna Case: 31x20x15in / 96 lbs Standard Electronics Case: 31x20x15in / 83 lbs	Standard Case: 31x20x12in / 75 lbs with modem Backpack Solution: 58 lbs with modem Airline Carry-on: 57 lbs with modem	Airline Carry On (w/o modem): <32 lbs 2 x Airline Carry On: <32 lbs ea case Airline Transportable
Antenna and RF System			
Optics	Prime Focus	Prime Focus	Center Fed Prime Focus
Reflector Construction	Flexible parabolic fabric	Flexible parabolic fabric	Flexible parabolic fabric
Az/EI/Pol	Manual point and align	Manual point and align	Manual point and align
Modem	iDirect 950mp	iDirect 950mp	iDirect 950mp
Interface	CAT-5 cable for IP applications	CAT-5 cable for IP applications	CAT-5 cable for IP applications
Elevation	5 to 90 degrees	5 to 90 degrees	5 to 90 degrees
Azimuth	±10 deg of hold-downs	±10 deg of hold-downs	±30 deg of hold-downs
G/T	26.2 dB/K @ 20 deg elevation	20.7 dB/K @ 20 deg elevation	17 dB/K @ 20 deg elevation
EIRP	62.5 dBW with 12W BUC	53.8 dBW with 12W BUC	49.7 dBW (Pilot)
Radiation Compliance	FCC licensed	FCC licensed	FCC licensed
Environmental			
Temperature	Operational: -32 to +55 °C Storage: -40 to 60 °C	Operational: -32 to +55 °C Storage: -40 to 60 °C	Operational: -20° to +50 °C Storage: -30° to 60 °C
Wind Load	Operational: 40 mph (64kph) Survivable: 60 mph (97kph) Anchored	Operational: 40 mph (64kph) Survivable: 60 mph (97kph) Anchored	Operational: 20 mph (32kph) Anchored Survivable: 30 mph (48kph) Anchored
Power Requirements			
Power	Worldwide AC and 18 - 36 VDC 96 - 264 VAC auto sensing (Hz threshold 50-60Hz)	Worldwide AC and 18 - 36 VDC 96 - 264 VAC auto sensing (Hz threshold 50-60Hz)	Worldwide AC and 18 - 36 VDC 96 - 264 VAC auto sensing (Hz threshold 50-60Hz)
Consumption	12W BUC: Less than 300 W	Less than 150 W	< 150 W Global Beam; <100 W Epic ^{NG} (HTS)

*Terminals are subject to availability and change.

**Data and projected performance are based on manufacturer specifications and not guaranteed by IGC.

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	Panther II 96cm	Panther II 60cm
		
Size	1 case (backpack or hard case)	1 case (backpack or hard case)
Weight	Manual: 39 lbs (17.6 kg) Auto: 55 lbs (25 kg)	Manual: 29 lbs (13.2 kg) Auto: 45 lbs (20.4 kg)
Antenna and RF System		
Optics	Center Fed	Center Fed
Reflector Construction	8 piece parabolic	8 piece parabolic
Az/EI/Pol	Auto or manual	Auto or manual
Modem	iDirect 950mp	iDirect 950mp
Interface	2 LAN data ports, 18-36 V DC input, NMEA GPS	2 LAN data ports, 18-36 V DC input, NMEA GPS
Elevation	0 to 90 degrees	0 to 90 degrees
Azimuth	Manual: ±10 deg (fine tune) / Auto: ±90 deg	Manual: ±10 deg (fine tune) / Auto: ±90 deg
G/T	17.8 dB/K	14.2 dB/K
EIRP	52.9 dBW with 13W BUC / 55.4 dBW with 25W BUC	49.2 dBW with 13W BUC / 51.7 dBW with 25W BUC
Radiation Compliance	FCC 25.218 with 14.8 dBW/4kHz (on-axis)	FCC 25.218 with 19.5 dBW/4kHz (on-axis)
Environmental		
Temperature	Operational: -32 to +55 °C Storage: -40 to 60 °C	Operational: -32 to +55 °C Storage: -40 to 60 °C
Wind Load	Operational: 25 mph (40 kph) Gusting: 40 mph (64 kph) with anchor spikes	Operational: 25 mph (40 kph) Gusting: 40 mph (64 kph) with anchor spikes
Power Requirements		
Power	90-264 V AC 10-48 V DC	90-264 V AC 10-48 V DC
Consumption	240 Volt-amps	240 Volt-amps

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