

GETSAT MILLI SAT

satcom on-the-move

Milli Sat LM provides a fully integrated (including BUC and Modem), ruggedised satcom on-the-move terminal for use in the world's most challenging environments.

With its unique all-in-one design and options for both Ka and Ku-bands, it delivers autonomous operation, capable of transmitting and receiving data rates at over 20 Mbps.



ASK US ABOUT



STRESS FREE
CONNECTIVITY

KEY FEATURES

- Ka and Ku-band models available
- Weighs 17.3 KG (Ka-Band)
- High performance with data rates over 20 Mbps
- Fully integrated BUC and Modem
- Easily installed and removed from a vehicle using GRC's custom MAG-MOUNT fittings
- Low power consumption
- Fully autonomous, all-in-one IMU, gyro and compass



SECURE SOLUTIONS FOR SATELLITE, LTE,
RF, IP NETWORKS AND CLOUD SERVICES

TECHNICAL SPECIFICATIONS

Product Number	15053-GP	
RF Performance	Ka-Band	Ku-Band
Tx Frequency	29-31 OR 27.5-30 GHz	12.75-13.25 OR 13.75-14.5 GHz
Rx Frequency	19.2-21.2 OR 17.5-20 GHz	10.75-12.75 OR 10.75-11.75 GHz
G/T	11 dB / K	7 dB / K
Polarisation	RHCP/LHCP (co-pol / cros s-pol)	Linear (V/H) Automatic Skew Control
Max EIRP	48.2dBW (25w BUC)	45.2dBW (50w BUC)
Tx / Rx isolation	60 dB	60 dB
Panel Size	50 x 13.5cm (19.7 x 5.3")	50 x 13.5cm (19.7 x 5.3")
System		
Azimuth	Continues coverage over full 360°	Continues coverage over full 360°
Elevation	-8° to 90°	-8° to 90°
Control Technique	Combined IMU / R551 / GPS (Optional)	Combined IMU / R551 / GPS (Optional)
Pointing Accuracy	0.2°	0.2°
Velocity	Azimuth >200° / Sec, Elevation > 200° / Sec	Azimuth >200° / Sec, Elevation > 200° / Sec
Initial Acquisition Time	<30 sec	<30 sec
Re-Acquisition time	<100ms	<100ms
Management	Web Interface/ Open AMIP 1.16/ SW ICD	Web Interface/ Open AMIP 1.16/ SW ICD
Interfaces	RS-232, Ethernet, TX / RX	RS-232, Ethernet, TX / RX
Power Input	22-54V DC	22-54V DC
Power Consumption	25w (Rx), 200W (pSAT)	25w (Rx), 250W (pSAT)
Weight	17.3kg (38.14lb)	17.7kg (39.02lb)
System size	57.5 x 27cm (22.6 x 10.6")	57.5 x 27cm (22.6 x 10.6")

Information subject to change without notice.



PLEASE CONTACT US FOR MORE INFORMATION

GRC, Wyevale Business Park, Hereford, HR4 7BS

tel: +44 (0) 1432 373800 email: info@grcltd.net web: www.grcltd.net

