

MGS100

TECHNICAL SPECIFICATIONS

COMMUNICATION

3G HSPA	3-band (850/900/1800/1900 MHz) TCP/IP, UDP/IP, TFTP, FTP or SMT
SIM	Internal, replaceable, 1.8V Remote PIN code management
Antenna	Internal multi-band GSM antenna

GPS

Receiver	L1 C/A-Code, SPS
Sensitivity (tracking)	-165 dBm
Time to first fix	27s (@ -130dBm, cold start)

INPUTS & OUTPUTS

Inputs	4 inputs 1 and 2 are positive and are only active when power is connected 3 and 4 are negative and are only active when grounded
Outputs	All outputs are open-collector type

INTERFACES

3D Accelerometer	Movement detection
MMI	2 LED status indication
Connectors	6 pin 3mm Molex, Automotive or OBDII

POWER

Input voltage	8 to 30V DC
Full operating mode	< 95mA at 12V DC
Active standby	13mA at 12V DC
Sleep mode	< 2mA at 12V DC
Internal Battery	3.7V 900mAh, rechargeable



ENVIRONMENT

Temp, operating	14° - 149° F / -10° - 65° C
Temp, storage	-40° - 185° F / -40° - 85° C
Vibration, Impact	SAE J1455
Mounting	Magnetic or screw mounted modem

DEVICE DATA SETTINGS

Default	snapshot every 2 minutes data transmission every 6 minutes
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WARRANTY

Hardware	3 years
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DIMENSIONS & WEIGHT

Dimensions	~ 4.1 x 3.7 x 1.1 inches / 10.4 x 9.4 x 2.8 cm
Weight	~ 4 ounces / 114 grams