

# MG100

## 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

- 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 OBD-II

### WARRANTY

- Hardware: 3 years

### 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

### 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

### 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