

# MGS200

## 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: External multi-band GSM antenna

### GPS

- Receiver: L1 C/A-Code, SPS
- Sensitivity (tracking): -160 dBm
- Time to first fix: 32s (@ -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

### WARRANTY

- Hardware: 3 years

### POWER

- Input voltage: 8 to 30V DC
- Full operating mode: < 100mA at 12V DC
- Active standby: 10mA at 12V DC
- Sleep mode: < 1mA at 12V DC

### 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: -4° - 140° F / -20° - 60° C
- Temp, storage: -40° - 185° F / -40° - 85° C
- Vibration, Impact: SAE J1455

### DEVICE DATA SETTINGS

- Default: snapshot every 2 minutes
- Data transmission every 6 minutes