

# MGS700

## TECHNICAL SPECIFICATIONS



### COMMUNICATION

- 3G HSPA
- 5-band (800/850/900/1900/2100 MHz)
- GPRS/EDGE/HSPA and UDP/TCP/TFTP/SMS
- SIM: Internal, replaceable
- Antenna: Internal multi-band GSM antenna

### GPS

- Receiver: 72 Channel, GPS/GLONASS
- Sensitivity (tracking): -167 dBm
- Time to first fix: 26 s (@ -130dBm, cold start)

### INPUTS & OUTPUTS

- 6 inputs (3 hi, 2 low, 1 analog)
- 2 outputs

### INTERFACES

- 3D Accelerometer: Movement detection
- 2 LED status indication
- Connectors: 20-pin 3mm Molex, J1939, J1708 or OBD-II

### WARRANTY

- Hardware: 3 years

### POWER

- Input voltage: 8 to 30V DC
- Full operating mode: < 100mA
- Active standby: 13mA at 12V DC
- Sleep mode: < 1mA
- Internal Battery: 3.7V 900mAh, rechargeable

### DIMENSIONS & WEIGHT

- Dimensions: ~ 3.7 x 2.9 x 0.8 inches / 9.5 x 7.5 x 1.9 cm
- Weight: ~ 4 ounces / 114 grams

### ENVIRONMENT

- Temp, operating: -4° - +149° F / -20° - +65° C
- Temp, storage: -40° - +185° F / -40° - +85° C
- Vibration, Impact: SAE J1455

### DEFAULT TRANSMISSION RATE

- Snapshot every 2 minutes
- Data transmission every 6 minutes