





fuel monitoring system

GuardMagic FSL

GuardMagic FSL is a small universal GSM/GPRS module for monitoring fuel level in remote stationary objects: fuel storage tanks. fueling station, diesel generators, etc.



About:

GuardMagic FSL is a small universal GSM/GPRS module for remote tanks wireless monitoring. Module allow remotely monitor: fuel level in fuel and oil tanks, diesel generators status (On/Off). GuardMagic FSL module in full automatic mode

collect and send to monitoring station information from fuel level sensors, status of logical circuits or status of logical sensors.

Advantages:

- Multi tanks support
- Support up to SEVEN fuel level sensors
- High "Fuel Resolution" (up to 4096 levels)
- Remote location of fuel level sensors (distance to sensor up to hundreds meters)
- Universal communication protocol

Specification:

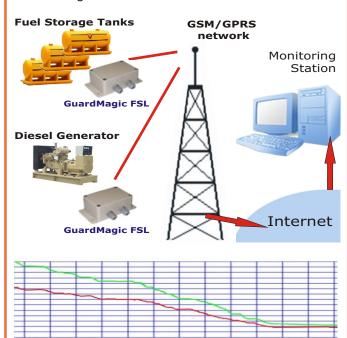
GSM Data transmitting Power voltage Digital "fuel interface" Supports digital fuel sensors Fuel level resolution (digital) Analog "fuel input" Supports analog fuel sensor Input voltage ("analog fuel") Logical inputs Module configuration Operation mode Operation application Ingress Protection Operation temperature

850/900/1800/1900 **GPRS** DC 6 ... 12 V **EIA-485** up to 7 1024 or 4096 1 input 1 sensor 0..5 V or 0 ..10V user programming continuous indoor / outdoor IP 56

-30 ...+70

Remote Fuel Tanks Monitoring Structure:

- External fuel level sensors;
- GuardMagic FSL module;
- GSM network and Internet;
- Monitoring station.



Application:

- Fuel storage
- Fueling station
- Diesel generator
- Power distribution station, power transformer
- Fuel and oil tanks