

## Device On/Off Monitoring & Control Module



GLog is a 2-way wireless control & monitoring module for all devices with pulse or level outputs, e.g. on/off flow device, open/closed door access control modules, and security alarms. GLog is designed based on the world leading ultra low power (ULP) and long-range communication technology and it is fully compatible with all the networking and data monitoring products from GT&T.

### TECHNICAL CHARACTERISTICS

- Highly secure and reliable GT&T's ULP long-range communication technology
- Radio transmission range:
  - up to 200m indoor, 1km LOS outdoor
- Resistant to RF interference
- 2-way links with mobile and fixed network control points
- Point-to-point, polling, repeater modes
- Tree, star, and mesh network topologies
- 433/868/915 MHz ISM bands
- Compliance:
  - EN300-220-1 & FCC15-249
  - EMC compliant with EN 300-683
  - EN 50014 and EN 5020 class 3

### ENVIRONMENTAL AND MECHANICAL CHARACTERISTICS

- Operating temperature: [-20°; +70°C]
- Dimensions (HxLxW): 26 x 20 x 7 mm
- Weight: 110-160g
- Protection class: IP 65 or IP68

### FUNCTIONAL FEATURES

- 2-way wireless communication
- 4 input / 4 output channels (pulse or level control)
- Fully configurable
- Programmable length, front, and timing in pulse output mode (requires external power for continuous level output)
- Remote device status and input reading
- Automated wireless configuration
- Timed synchronization
- Programmable transmission and recording cycles, operating hours, and day/night mode
- Data logging (up to 500 event readings)
- Automatic transmission of alarm signals
- Instant alarm or delayed send (sequential or cumulated)
- Automatic detection of severed cable and battery level
- Battery operation for stand-alone installation
- Operating autonomy of 2 to 10 years depending on operating conditions

### COMPATIBLE GTelemetry PRODUCTS

- Mobile data collection tools (Tablet PC, PDA, HHC)
- GTelemetry CompactFlash, GPort serial/USB cards, and GCard OEM wireless cards
- GCell GSM/GTelemetry gateway
- GTalk repeater
- Data management and module configuration software