

G-TX Transceiver specifications

GSM

Frequency bands	Dual band (GSM 900MHz/1800MHz)
Output power	Class 4 for EGSM900, Class 1 for GSM1800
Data transfer	GPRS, Multislot Class 8

Power consumption

Standby	1.08Watt (0.09mA @ 12V)
Data mode (GPRS)	1.92Watt (160mA @ 12V)
Input voltage	9Vdc(min) to 25Vdc(max)

Physical

Dimensions	140mm (without antenna) x 100mm x 30mm
Mounting	2 x 4.7mm holes on the enclosure
Weight	165grams

Input and output specifications

Inputs	Positive trip	+2.7V to +30V
	Negative trip	-0.5V to +0.5V

Outputs	10A @ 250Vac max
	10A @ 28Vdc max

Input and output connections

Inputs

- 8 Hardwired screw terminal inputs (Input 8 shared with CID input)
- 1 AC fail screw terminal input
- TTL serial communications connector
- Engineer test button

Outputs - 2 Relay screw terminal outputs (CM, NO, NC)

Operation

- Inputs programmable for low level, high level and edge triggers (should the input change its state from high to low OR low to high, it can generate a trigger)
- Internal pull-up resistors for negative trip eliminates the need for external resistors
- Full CID support and reporting
- Programmable mains fail and restore report time (up to 18 hours in 1 second intervals)
- Power-up, power-fail and power restore reporting
- Disable power reporting (disables AC power fail and restore reporting)
- Serial interface for unit programming (future panel and peripheral communications)
- Programmable vibration switch sensitivity
- Disable tamper reporting
- Programmable update and self-test period (up to 45 days in 1 minute intervals)
- Programmable alarm input delay (up to 18 hours in 1 second intervals)
- Can operate from single or dual SIM
- Two APNs programmable per SIM
- Two reporting servers programmable for the unit.
- Messages can be routed to up to 10 base stations from the server
- Eight character server password unique to the unit
- Low battery reporting
- 3 LEDs indicate different states
- Event buffer for up to 100 events downloadable via remote interface
- Remote interface for status request and relay control
- Programmable via hand-held programmer, PC application and server updates
- Chip SIM capability