

## GTI 5.0 SERIES DATA LOGGER 3G/4G/GPRS/GSM (SMS) Smart Metering Wireless Transmission Data Logger

### APPLICATION:

- District Metred Areas (DMA) / zone monitoring.
- Pressure monitoring.
- AMR/DMA Smart water resource management.
- Real-time data (flow & pressure) reception.

### MAIN FEATURES:

- All parameters (transmission and logging frequency) set up by IrDA.
- All parameters (logging and transmission) can be changed remotely via GPRS.
- Alarms for flow and pressure with separately defined high/low profile.
- Built in memory module.
- Robust to IP 68 waterproof.
- Support UDP/IP more data transmission and money saving.
- 1 Interval for data logging.
- 3 Intervals for transmission.
- 2 Pulse channel built-in pressure gauge.
- Compact size and light weight.
- Tamper proof.

### LCD DISPLAY:

- Tamper-proof symbol.
- Bi-Directional flow indicator.
- Moving indicator.
- Battery alarm.
- Management functions.

### SOFTWARE:

- Parameter Setting Software.
- Data Receiving Software (Customizable).



### MAIN TECHNICAL SPECIFICATIONS

Model	GTI 5.0
Signal Input	1 Set of Digital Encoding (EMS electronic water meter) 2 Sets of Pulse signals (12V DC Open Switch Collector) & (Pulse width $\approx$ 20ms) RS 485 (Optional) Built-in pressure transmitter (Optional)
Communication Protocol	3G / GPRS / GSM (SMS) (4G Optional) USB cable to PC
Working Temperature	-25 °C ~ 70 °C
Measuring Instrument Expansion	Digital Encoding Electronic Water Meter & Built in Pressure Gauge
Logging Capacity	Flow up to 810,000 data (GPRS) Pressure up to 2,000,000 data (GPRS) Flow & Pressure up to 580,000 data (GPRS)
Logging Frequency	1 Second to 24 hours
Transmission Frequency	10 Minutes to 24 hours 4 Fixed time interval
Alarms	Flow & Pressure with separately defined High / Low profile
Power Supply	5 Years built-in Lithium battery lifespan (daily transmission) External Battery Pack (Optional)
Enclosure Rating	IP68
Case Material	Nylon
Wires	3C Shielded cable Pressure gauge connector
Dimensions	258mm x 90mm x 77,7mm
Weight	0,85kg

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### GSM/GPRS COMMUNICATION STRUCTURE

