Model 1703 Gateway

- Transmits sensors data directly to the cloud or plant network wired/wireless
- Acquire, timestamp and locally store sensor data
- Data timestamping w/high accuracy Real-Time Clock (RTC)
- User configurable via wired/wireless
- Flexible secure internet connectivity via Ethernet, Wi-Fi or LTE
- Data source from multiple-protocols
- Local/Remote monitoring web interface

The Model 1703 Gateway is designed to interface other 1700 series devices to the cloud or as a self-hosted IoT server under plant LAN/local network.

It collects process data from sensors via wired/wireless connections and transmits them to the cloud at user configured time intervals with accurate timestamps.

The 1703 maximizes manageability and security of the data acquisition for real time monitoring and data logging.

SPECIFICATIONS

System	CPU: Dual-Core Intel Celeron N3350 Processor 1.1 GHz RAM: 2GB LP DDR4 Storage: 8 GB eMMC + Expandable microSD
Power	Requirement: 12V DC with AC/DC Adapter
I/O	1x RS-485 (ASCII or Modbus) 1x RS-232 2x USB 3.0 1x Ethernet LAN 1x WiFi/Bluetooth Radio (Optional) 1x At&T/Verizon LTE (Optional)
Operating Environment	(0 to 40)°C
Operating System & Software	Ubuntu Server 16.04 Built in IoT data acquisition software and web based real time monitoring interface
Cloud	Connectivity: Ethernet, WiFi 802.11 a/b/g/n , AT&T/Verizon LTE Security: RSA Asymmetric Encryption Platform Compatibility: GTWs Hx Monitoring System, or custom cloud services
Ordering Info	Part Number: 1703 - (_) 0 No Wireless (STD) 1 with WiFi/Bluetooth Radio 2 with WiFi/Bluetooth Radio + AT&T/Verizon LTE

870 Cambridge Dr., Elk Grove Village, IL 60007, USA
+1 (847) 364-0163 sales@gtwlabs.com www.gtwlabs.com