

PRODUCT SHEET

# GLX HydroTrack GW

**Configurable monitoring solution designed for Ground Water treatment plants in a low-cost package.**

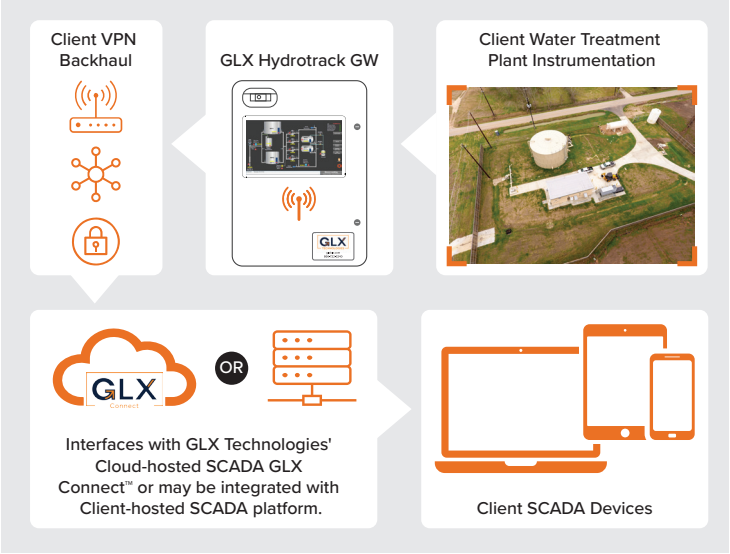
GLX HydroTrack GW

## Flexible monitoring solution - use your SCADA platform or GLX's cloud-hosted SCADA service.

Configurable monitoring solution designed specifically for small utility ground water treatment plants.

Designed to be highly configurable out of the box and has an intuitive operator interface minimizing training requirements.

It supports both traditional SCADA platforms, email and text callouts, and GLX's cloud-hosted SCADA platform GLX Connect™ for flexible monitoring solutions.




## FEATURES:

- NEMA 4 weatherproof enclosure
- 30 minutes UPS backup
- Communication protocols supported- OPC UA, MQTT Spark Plug B, and Siemens S7 native protocols
- Includes maintenance instructions, panel drawings, and interface requirements
- LTE/Wi-Fi wireless communications (requires Client wireless service)
- *Local HMI and Email alerts (Independent of optional SCADA support)*
- Local HMI alarm history
- 4 hours of remote support within 30 days post-install for training and questions

## OPTIONAL SERVICES AND FEATURES:

- Instrumentation packages, tailored to site parameters
- Installation and commissioning services
- Wireless communication service
- SCADA screen development services for real-time monitoring and alerts
- Stainless steel enclosure
- Solar shield for HMI

# SITE PARAMETERS AND INTERFACE

# GLX HYDROTRACK GW

## Support site configuration with up to the following:

- 2 Well Pumps
- 3 Ground Storage Tanks (GST)
- 2 Hydropneumatic Tanks (HPT)
- 5 Booster Pumps
- 2 Chemical Tanks
- 2 Chemical Pumps
- 1 Chemical Analyzer
- 1 Generator
- 1 Automatic Transfer Switch

## Monitoring up to the following signals/instruments:

- 2 Well Pump Run Status
- 2 Well Level/Depth
- 2 Well Flow Rate
- 2 Well Pressure
- 2 Well High Pressure Switch
- 3 GST Level
- 2 HPT Level
- HPT Air Flow Status
- 1 System Pressure
- 5 Booster Pumps Run Status
- 2 Chemical Tanks Level
- 2 Chemical Pumps Run Status
- 1 Chemical Analyzer Free Cl2 Measurement
- Distribution Flow Rate/Totalizer
- 1 Generator Run Status
- 1 Automatic Transfer Switch Status
- 1 Panel Door Open Alarm (Security)
- 11 HOA Switches
  - 2 Well Pumps, 2 HPTs, 5 Booster Pumps, and 2 Chemical Pumps






# SPECIFICATION:

| | |
|---|---|
| Input Power | 100-240VAC |
| Dimensions (HxWxD) | 36” x 24” x 10” |
| Weight | 65 lbs |
| Digital Input Channels | 46 |
| Input Voltage | 24 VDC |
| On/Off Threshold | 15/5 VDC 2.5/1 mA |
| Response Time | 0.2 ms |
| Analog Input Channels | 18 |
| Input Range | 4-20 mA |
| A/D Resolution (CPU/AI Card) | 12-bit + sign |
| Supported Device Type | 2 Wire loop-powered devices |
| Protocols | OPC UA, MQTT Spark Plug B, and Siemens S7 native protocols |

| | |
|---|---|
| Operating Temperature | 0 °F to 140 °F |
| Humidity | Up to 95% |
| Power Backup | 30 minutes |

| | |
|---|---|
| Environmental Protection | NEMA 4 Weatherproof Enclosure |

# ORDERING INFORMATION:

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|---|---|
| GLX-WU-M-HTGW-1 | GLX HydroTrack GW |
| GLX-WU-M-HTGW-1-SS | GLX HydroTrack GW, Stainless Steel |

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