

PRODUCT SHEET

GLX HydroControl GW

Configurable monitor and control solution designed for Ground Water treatment plants in a low-cost package.

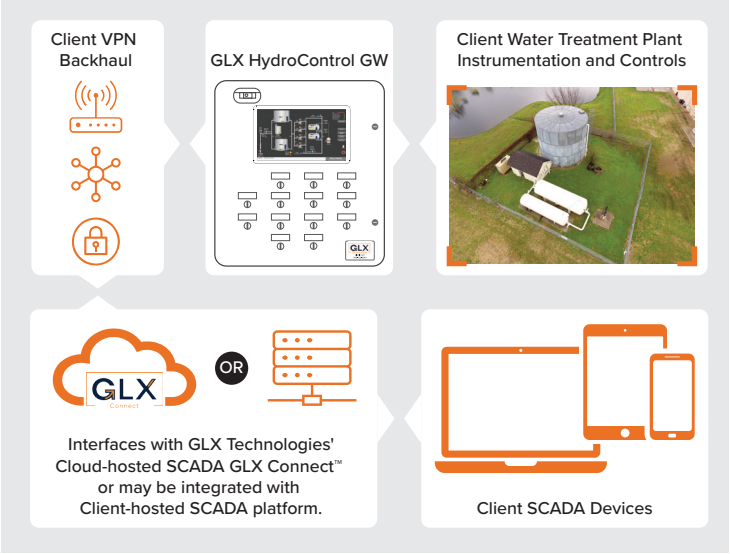
GLX HydroControl GW

Flexible monitor and control solution - use your SCADA platform or GLX's cloud-hosted SCADA service.

Configurable monitoring and control 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

SPECIFICATION:

Input Power	100-240VAC
Dimensions (H×W×D)	36” × 36” × 10”
Weight	80 lbs
Operating Temperature	0 °F to 140 °F
Humidity	Up to 95%
Power Backup	30 minutes
Digital Input/Output Channels	62/18
Input Voltage	24 VDC
On/Off Threshold	15/5 VDC, 2.5/1 mA
Response Time	0.2 ms
Analog Input/Output Channels	18/8
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
Environmental Protection	NEMA 4 Weatherproof Enclosure

GLX HYDROCONTROL GW



SITE PARAMETERS AND INTERFACE:

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
- 3 GST Level
- 2 HPT Level
- 1 System Pressure
- 1 Discharge Meter
- 2 Well Pressure
- 2 Well High Pressure Switch
- 5 Booster Pumps Run Status
- 2 Chemical Tanks Level
- 2 Chemical Pumps Run Status
- 1 Chemical Analyzer Free CL2 Measurement
- 1 Power Phase Monitor
- 1 Generator Run Status
- HPT Air Flow Status
- Distribution Flow Rate/Totalizer
- 1 Automatic Transfer Switch Status
- 1 Panel Door Open Alarm (Security)
- 1 Eyewash Station Flow Switch
- 11 HOA Switches
  - 2 Well Pumps
  - 5 Booster Pumps
  - 2 Chemical Pumps
  - 2 HPT

ORDERING INFORMATION:

GLX-WU-M-HCGW-1	GLX HydroControl GW
GLX-WU-M-HCGW-1-SS	GLX HydroControl GW, Stainless Steel

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