

PRODUCT SHEET

GLX HydroTrack WW

Configurable monitoring solution designed for Wastewater treatment plants in a low-cost package.

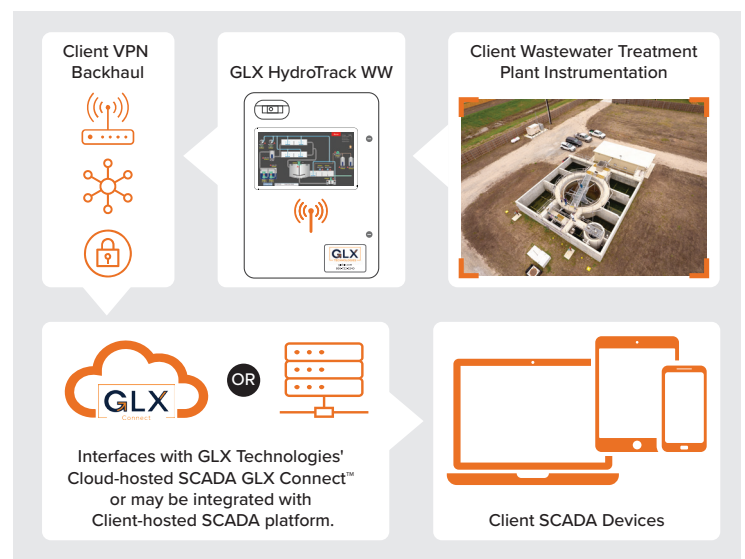


Flexible monitoring solution - use your SCADA platform or GLX's cloud-hosted SCADA service.

Configurable monitoring solution designed specifically for small utility wastewater 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 *with Client-provided VPN*
- Includes maintenance instructions, panel drawings, interface requirements, and spares list
- *LTE/Wi-Fi wireless communications (requires Client wireless service)*
- Local HMI and Email/Text alerts (Independent of optional SCADA support)
- Local HMI alarm history
- 4 hours of remote support within 30 days post-install for training and questions

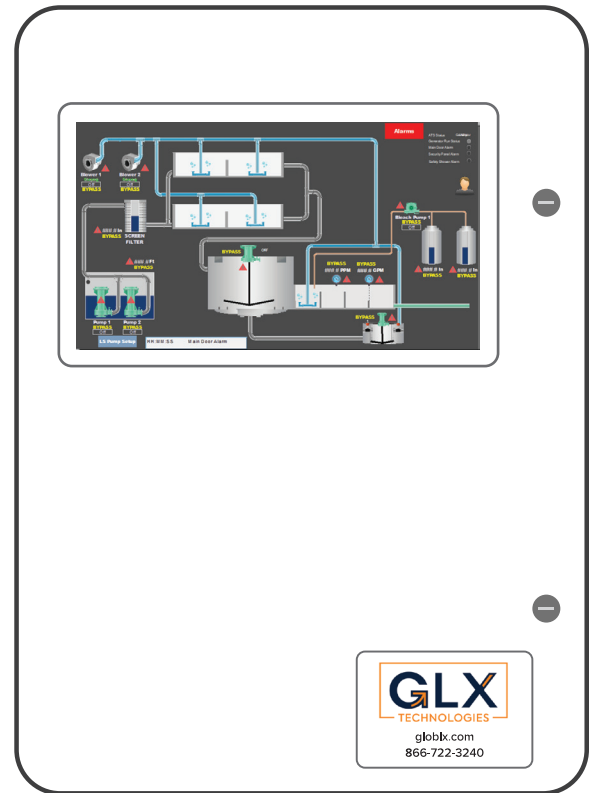
OPTIONAL SERVICES AND FEATURES:

- Instrumentation packages, tailored to site parameters
- Installation and commissioning services
- SCADA screen development services for real-time monitoring and alerts
- Wireless communication service

SPECIFICATION:

Input Power	120VAC
Dimensions (H×W×D)	30" × 36" × 10"
Weight	72 lbs
Operating Temperature	0 °F to 140 °F
Humidity	Up to 95%
Power Backup	30 minutes
Digital Input Channels	62
Input Voltage	24 VDC
On/Off Threshold	15/5 VDC, 2.5/1 mA
Response Time	0.2 ms
Analog Input Channels	26
Input Range	4–20 mA (280Ω)
A/D Resolution (CPU/AI Card)	12-bit + sign
Supported Device Type	2 Wire loop-powered devices
Protocols	OPC UA, MQTT Spark Plug B, Modbus TCP, Siemens S7 native protocols with Client-provided VPN
Environmental Protection	NEMA 4 Weatherproof Enclosure

PANEL DRAWING



SITE PARAMETERS AND INTERFACE:

Support site configuration with up to the following:

- 1 Lift Station
- 2 Bar/Fine Screens
- 4 Basins
- 4 Blowers
- 3 Dissolved Oxygen Sensors
- 3 Suspended Solid Sensors
- 2 Clarifiers
- 1 Chemical Tank
- 1 Chemical Pump
- 1 Chemical Analyzer
- 1 Generator
- 1 Automatic Transfer Switch

Monitoring up to the following signals/instruments:

- 1 Wet Well Level
- 1 Wet Well High High Alarm
- 3 Pump Run Status
- 1 Input Flow Rate
- 2 Bar/Fine Screen Levels
- 2 Bar/Fine Screen Motor Run Status
- 4 Basin Levels
- 3 Basin Pump Run Status
- 4 Blower Run Status
- 4 Blower Air Flow (cfm)
- 3 Dissolved Oxygen Sensor
- 3 Suspended Solid Sensors
- 2 Clarifier Rake Run Status
- 2 Clarifier Rake Failure Alarms
- 2 Clarifier Sprayer Flow Switch
- 1 Chemical Tanks Level
- 1 Chemical Pumps Run Status
- 1 Chemical Analyzer Free CL2 Measurement
- 1 Effluent Flow Rate
- 1 Generator Run Status
- 1 Automatic Transfer Switch Status
- 1 Panel Door Open Alarm (Security)
- 8 HOA Switches
 - 3 Lift Station Pumps
 - 2 Bar/Finescreens
 - 3 Basin Pumps
- 4 Blowers
- 1 Chemical Pump

