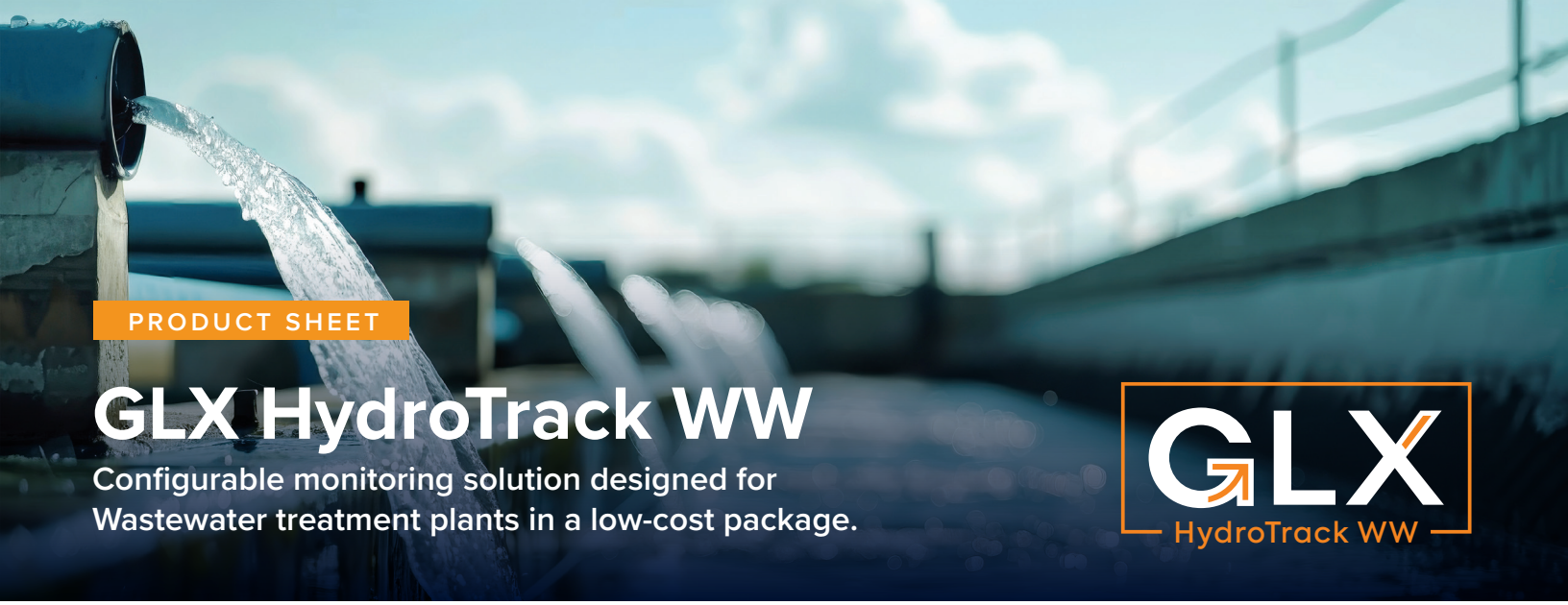


PRODUCT SHEET

GLX HydroTrack WW

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

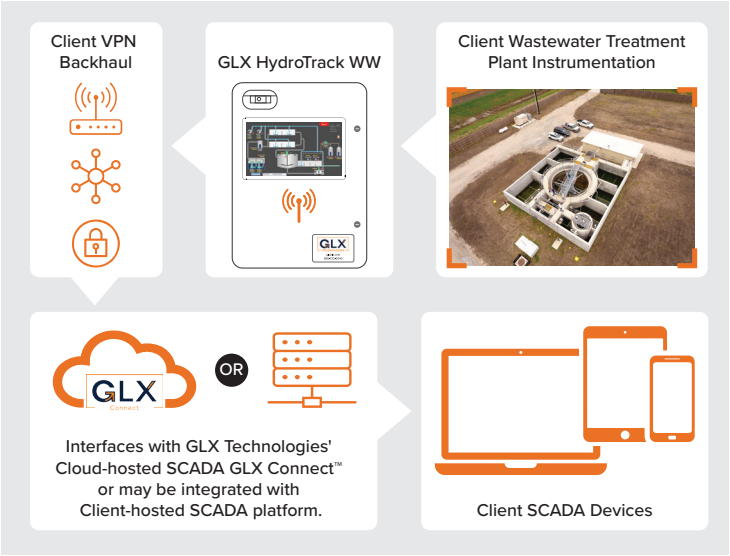
GLX HydroTrack WW

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
- Includes maintenance instructions, panel drawings, interface requirements, and spares list
- *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” × 30” × 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
A/D Resolution (CPU/AI Card)	12-bit + sign
Supported Device Type	2 Wire loop-powered devices
Protocols	OPC UA, MQTT Spark Plug B, Siemens S7 native protocols
Environmental Protection	NEMA 4 Weatherproof Enclosure

GLX HYDROTRACK WW



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 Wet Well
- 2 Bar/Fine Screen Levels
- 2 Bar/Fine Screen Motor Run Status
- Return Activated Sludge Level
- 4 Blower Run Status
- 4 Blower Air Flow (cfm)
- 3 Dissolved Oxygen Sensor
- 4 Low Pressure Sensors
- 3 Suspended Solid Sensors
- 2 Clarifier Rake Run Status
- 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)
- 12 HOA Switches
  - 3 Lift Station Pumps
  - 2 Bar/Finescreens
  - 4 Blowers
  - 2 Clarifier Rakes
  - 1 Chemical Pump

ORDERING INFORMATION:

GLX-WU-M-HTWW-1	GLX HydroTrack WW
GLX-WU-M-HTWW-1-SS	GLX HydroTrack WW, Stainless Steel

GLX HydroTrack WW

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