

PRODUCT SHEET

GLX LiftControl

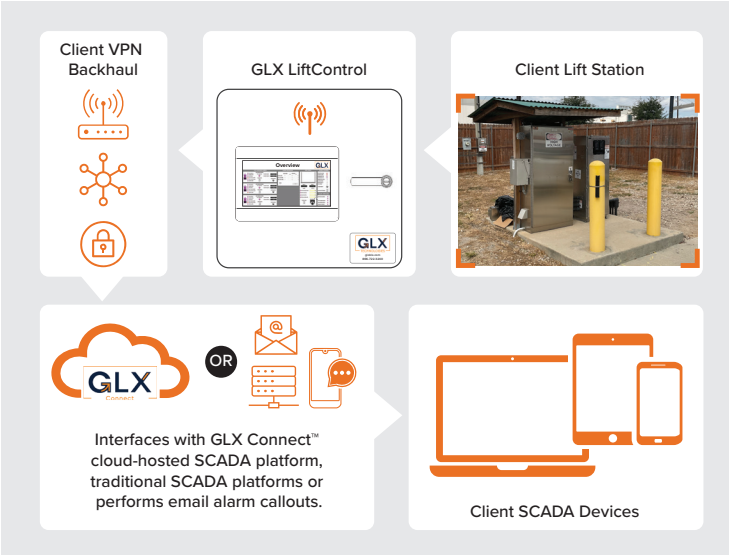
A configurable monitor and control solution designed for Lift Stations in a low-cost package.

GLX LiftControl

Boosts workforce efficiency by reducing truck rolls and speeding response times. This configurable, scalable solution remotely monitors and controls any lift station with up to four pumps.

Minimizes downtime and streamlines preventive maintenance by tracking pump rotations, run time, and failures. Works seamlessly with existing motor starter panels or a GLX-provided panel.

Flexible remote monitoring with email alarm callouts, plus integration with traditional SCADA systems or GLX's cloud-hosted platform, GLX Connect™.



FEATURES:

- Durable NEMA 4 weatherproof enclosure
- 30 minutes of dependable UPS backup
- Communication protocols supported-OPC UA, MQTT Spark Plug B, and Siemens S7 native protocols
- Includes maintenance instructions, panel drawings, and interface requirements
- 7" Local Human Machine Interface (HMI)
- 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:

- Motor starter enclosure (supports up to 4 pumps)
- Stainless steel enclosure
- Solar shield for HMI
- Installation and commissioning for GLX LiftControl
- SCADA support for development of one screen for real-time monitoring and alerts
- Wireless communication service

PANEL DRAWING



SPECIFICATION:

Lift Station Configurations Supported	1-4 Lift Pumps with up to 2 fault statuses each, 1-4 Motor Starters, 1-4 HOA Switches, 1-2 Float Switches, 1 Level Transmitter, 1 Emergency Fault Light, Generator Run Status, and Automatic Transfer Switch Status

Input Power	100-240 VAC	Operating Temperature	0 °F to 140 °F
Dimensions (HxWxD)	18” x 18” x 12”	Humidity	Up to 95%
Weight	48 lbs	Power Backup	30 minutes

Digital Input/Output Channels	30 / 10	Analog Input Channels	2
Input Voltage	24 VDC	Input Range	4-20 mA
On/Off Threshold	15/5 VDC 2.5/1 mA	A/D Resolution	10-12 bit
Response Time	0.2 ms	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, not classified for hazardous classified areas

ORDERING INFORMATION:

GLX-WU-C-LFCT-1	GLX LiftControl
GLX-WU-C-LFCT-1-SS	GLX LiftControl, Stainless Steel

GLX LiftControl

sales@glxtech.com | 713.987.7630 | 7840 North Sam Houston Pkwy W. Suite 300 | Houston, Texas 77064 | glxtech.com