

# LIFTX

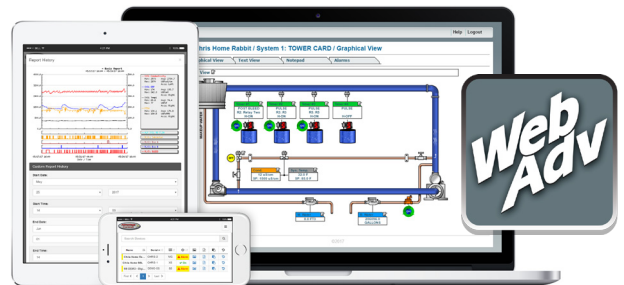
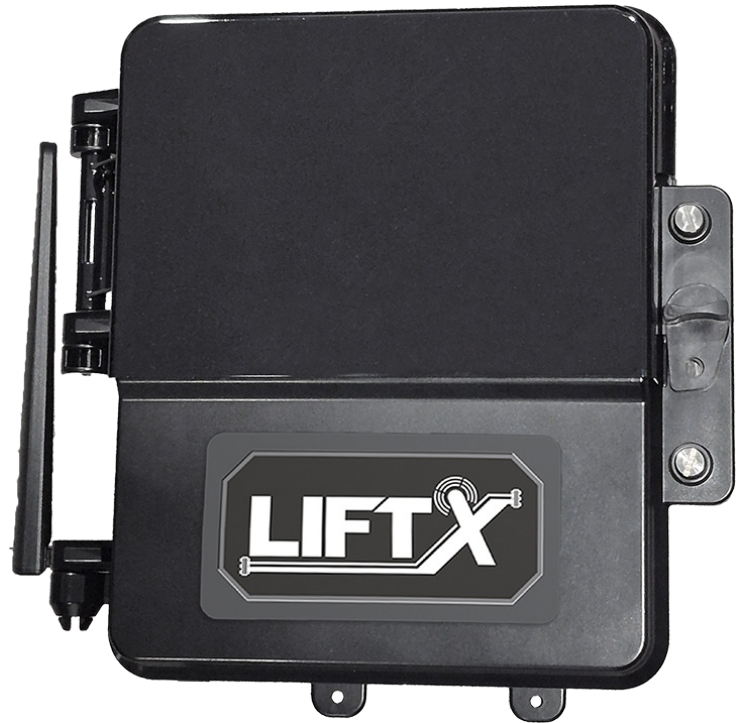
## LIFT STATION MONITOR

The LIFTX Lift Station Monitor saves time and expense by providing real-time status and alarms for a wide range of municipal applications include pump and lift stations.

Stand-Alone Cloud-Based Alarming, Monitoring, and Reporting of Lift Station Conditions via WebAdvantage®.

### KEY FEATURES

- Built-In Cellular Connection
- Remote Alarms, Alerts, & Status
- Customizable Info/Naming
- 5 or 10 Digital Inputs
- Customizable Notepad
- WebAdvantage® Reporting
- Optional Totalizing Flow Inputs
- Optional (4-8) 4-20 mA Inputs
- Optional (up to 4) 4-20 mA Outputs



### PRODUCT OVERVIEW

MegaTron LIFTX monitors provide web-based alarming and reporting of remote lift station conditions, such as: high/low level, pressure, temperature, motor current draw, generator switch over, loss of power, security, and more, with WebAdvantage® cloud-based remote alarming and reporting.

Units come complete with the first 12 months of cellular service for easy start-up and web connectivity.

WebAdvantage® provides web-based dashboard access of settings, conditions, e-mail and text alarming to multiple users and unique custom reporting.

## Build a Model .....LIFT - X A X X 1 A X

### Step 1 system card functions

| Power Options |                                 | 95-230 VAC |
|---------------|---------------------------------|------------|
| X             | 95-230 VAC incoming no 24 VDC   |            |
| 1             | 95-230 VAC incoming plus 24 VDC |            |

| Relay Options |                                      | (2.5 amp each) |
|---------------|--------------------------------------|----------------|
| A             | (5) dry contact relays               |                |
| B             | (5) powered relays / conduit         |                |
| C             | (5) powered relays with liquid tight |                |
| D             | (5) powered relays with USA pigtails |                |

| mA In/Out Signals |                           | 8 signals max |
|-------------------|---------------------------|---------------|
| X                 | None                      |               |
| 1                 | (4) mA inputs             |               |
| 2                 | (4) mA output control     |               |
| 3                 | (4) mA inputs and outputs |               |
| 4                 | (8) mA inputs             |               |

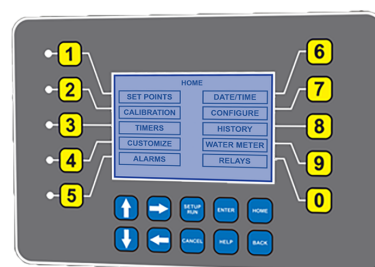
| Flow Meter (Pulse) Inputs |                                  |  |
|---------------------------|----------------------------------|--|
| X                         | None                             |  |
| A                         | (4) totalizing flow meter inputs |  |

| Digital Inputs |                                 |  |
|----------------|---------------------------------|--|
| 1              | (5) digital inputs with alarms  |  |
| 2              | (10) digital inputs with alarms |  |

| Cellular Service Options |                                        | V=Verizon™, A=AT&T™ |
|--------------------------|----------------------------------------|---------------------|
| A                        | 12 months (V)                          |                     |
| B                        | 12 months with up to 3-month delay (V) |                     |
| C                        | 12 months (A)                          |                     |
| D                        | 24 month (V)                           |                     |
| E                        | Internal router (V) no data sim        |                     |

| Additional Enclosure Options |                                       |  |
|------------------------------|---------------------------------------|--|
| X                            | Standard enclosure                    |  |
| 1                            | Mounted in MULTI-BOX (17" x 14" x 9") |  |
| 2                            | Mounted in 16" x 14" x 8" enclosure   |  |

User-friendly, custom keypad/display for setup, programming and alerts.



**Note: WebAdvantage® has no annual fee but cell service and texting of alarms do have an annual fee.**

## Specifications

|                               |                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------|
| <b>Electrical Input</b>       | 95-230 VAC, 50/60 Hz                                                                         |
| <b>Relay Outputs</b>          | Dry contact relays pass through current is limited to 2.5 mA at 28 VDC.                      |
| <b>Display</b>                | 240 x 128 graphic LCD                                                                        |
| <b>Digital Inputs</b>         | Inputs have 10K $\Omega$ pullup to 3.3 VDC from open collector open drain output             |
| <b>Flow Totalizing Inputs</b> | 10K $\Omega$ pullup to 5 VDC max rate 2.5 KHz from open collector open drain output          |
| <b>mA Inputs</b>              | Optical isolation, 250 $\Omega$ / 5 VDC @ 20 mA. Loop voltage to not exceed 30 VDC.          |
| <b>mA Outputs</b>             | Non-isolated. 12 VDC max load = 400 $\Omega$ . Isolated ext 24 VDC max load = 800 $\Omega$ . |
| <b>Ethernet</b>               | DHCP or static capable with 10/100 WiFi 802.11 (b/g/n)                                       |
| <b>Approvals</b>              | CE, UL61010-1/CSA C22.2 No. 61010-1-12 + A1:2022 (R2022)                                     |
| <b>Enclosure</b>              | NEMA 4X style polycarbonate                                                                  |
| <b>Ambient Temp</b>           | 0° to 125°F (-17° to 52°C)                                                                   |
| <b>Shipping Weight</b>        | Approximately 10 lbs. (4.536 kg)                                                             |
| <b>Relative Humidity</b>      | 0 to 100%                                                                                    |
| <b>Dimensions</b>             | 11" (27.94cm) W x 11.75" (29.84 cm) H                                                        |

### RELATED PRODUCTS



Learn more about WebAdvantage



Learn more about water quality monitoring



Learn more about MicroLinX pumps



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