

The LXL Series Transmitter features 36 digital channels and 16 analog functions. Configurable in either 900 MHz or 2.4 GHz with internal processing capabilities, this Transmitter offers a wide range of possibilities when it comes to applications.

## General Specifications 900 MHz

|                       |  |
|-----------------------|--|
| Frequency Range       | ISM 902MHz-928MHz                                      |
| Frequency Control     | 7 Frequency hopping channels ( Software Selectable )   |
| Modulation            | DSSS ( Direct Sequence Spread Spectrum)                |
| Error Correction      | Automatic Error Detection and Automatic Retransmission |
| Operating Temperature | -40°C to 85°C (-40°F to 185°F)                         |
| Humidity              | Up to 90% RH, non-condensing                           |

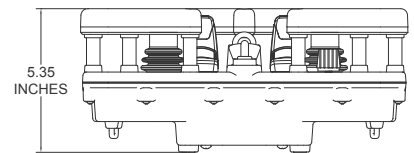
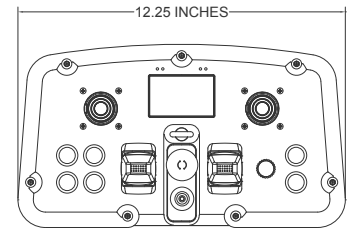
## General Specifications 2.4 GHz

|                       |   |
|-----------------------|---|
| Frequency Range       | 2400—2483.5 MHz                                     |
| Frequency Control     | 42 Frequency hopping channels (Software Selectable) |
| Modulation            | MSK   |
| Security              | Channelization, System ID, and Vendor ID            |
| Operating Temperature | -40°—85°C (-40°—185°F)                              |
| Humidity              | Up to 90% RH, non-condensing                        |

\*\* Operating range is based on the use of an internal antenna; an external antenna may increase the range significantly depending on the application

## Transmitter Specifications

|                          |   |
|--------------------------|---|
| Display                  | 320 × 240 Sunlight-Readable E-Ink                       |
| Battery Voltage          | 7 NiMH Rechargeable Batteries—2000 mAh                  |
| Supply Voltage           | 15-32 VDC; 1A max                                       |
| Max. Current Consumption | < 200 mA (RF Active)                                    |
| Digital Inputs           | 36 available  |
| Analog inputs            | 16 available — 0-5 VDC (configurable as digital inputs) |
| LED Outputs              | Four (4) available (RF and Error)                       |
| CAN Connection           | J1939 (2-wire)  |
| Battery Life             | 15 h Typical: Usage dependent                           |
| Dimensions               | Approx 12"×6.75"×5.1"                                   |
| Weight                   | Approx. 4 lbs   |
| Enclosure                | IP67  |



## Options

- LXM Series
- LXG Series
- LXR Series

