

The LDA-Tx Series Transmitter features 20 digital channels, and 8 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.

2.4 GHz General Specifications

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	-40C to 85C (-40F to 185F)
Humidity	Up to 90% RH, non-condensing

900 MHz General Specifications

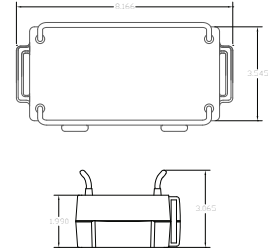
Frequency Range	ISM 902 MHz – 928 MHz
Frequency Control	7 Frequency Hopping Channels (Software Selectable)
Modulation	DSSS (Direct Sequence Spread Spectrum)

900 MHz General Specifications

Error Correction	Automatic Error Detection and Automatic Retransmission
Operating Temperature	-40C to 85C (-40F to 185F)
Humidity	Up to 90% RH, non-condensing

Transmitter Specifications

Supply Voltage	4.8 VDC Min.; 10 VDC Max; Typical – 6VDC (4AA Alkaline Batteries)
Max. Current Consumption	<180 mA (RF Active); <10 mA (Idle Mode)
Digital Inputs	21 Available
Analog Inputs	8 Available – 0-5 VDC (configurable as Digital Inputs)
LED Outputs	4 available (2 used for battery status)
CAN Connection	J1939 (2-wire)
Power Saving Features	RF Emissions Off Delay <1s; Sleep Mode (<1 mA)
Antenna	Internal*
Dimensions	Approx. 8" x 4" x 3.25"
Weight	Approx. 2 Lbs.
Enclosure	Weatherproof



Applications

- Machine Control
- Construction Equipment
- Industrial Control Systems

Options

- LDA-Rx Series
- LXM Series
- LGR Series



005WWCA0358
005WWCA0359



* Internal is standard but external antenna is available upon request

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