



# LynxPro Series

## Bluetooth® Data Logger Series

The LynxPro Series offers a comprehensive range of high-performance data loggers designed to meet your precise temperature and humidity monitoring needs. Consisting of three exceptional models – LynxPro, LynxPro-RTD, and LynxPro-RH – this series is a versatile solution for various applications. Each logger is equipped with advanced features, providing accurate and reliable measurements while offering seamless data collection and analysis.

### Data Where You Need It

Connect the LynxPro to the **MadgeTech App** with the click of a button and gain instant access to readings, statistics and more.

- Complete Control of Device Functions
- Graphical & Tabular Data Representation
- Easy Data Export & Sharing
- Customizable Notifications & Alarms

Compatible with **MadgeTech 4 Software**.

- Complete Control of Device Functions
- Graphical & Tabular Data Representation
- Easy Data Export & Sharing
- Customizable Notifications & Alarms

### FEATURES

- Bluetooth Connectivity
- Visual Alarms
- Store over 100,000 readings
- Be up & running in minutes

### BENEFITS

- Fast and Simple Setup
- Minimal Maintenance

### APPLICATIONS

- Vaccine Monitoring
- Warehouse and Storage
- Refrigeration Monitoring
- Food and Beverage Processing
- Controlled Environment Monitoring



# Specifications

Specifications are subject to change without notice.

GENERAL			
<b>Start Modes</b>	Immediate start Delay start up to 18 months Pushbutton		
<b>Stop Modes</b>	Pushbutton Timed (specific date and time)		
<b>Multiple Start/Stop Mode</b>	Start and stop the device multiple times without having to download data or communicate with a PC		
<b>Real Time Recording</b>	May be used with MadgeTech App to monitor and record data in real time		
<b>Memory</b>		<b>Total Readings</b>	<b>Trigger Readings</b>
	<b>LynxPro</b>	131,071	26,214
	<b>LynxPro-RTD</b>	131,071	26,214
	<b>LynxPro-RH</b>	65,536	21,845
<b>Reading Rate</b>	1 reading every second Up to 1 reading every 12 hours		
<b>Alarm</b>	Programmable high and low limits; alarm is activated when measurement reaches or exceeds set limits		
<b>LCD Screen</b>	1.7"x.975" (40x22mm)		
<b>Calibration</b>	Digital calibration through software		
<b>Calibration Date</b>	Automatically recorded within device		
<b>Battery Type</b>	User replaceable CR2450 coin cell battery		
<b>Battery Life</b>	6-months typical at a 15 minute reading rate		
<b>Data Format</b>	Date and time stamped °C, °F, or %RH		
<b>Time Accuracy</b>	±4.1 minute/month at 25 °C (77 °F)		
<b>Computer Interface</b>	USB (interface cable required)		
<b>Operating System Compatibility</b>	Windows 7 or later		
<b>Software Compatibility</b>	MadgeTech App   MT4		
<b>Operating Environment</b>	-20 °C to +60 °C (-4 °F to +140 °F) 0 %RH to 95 %RH non-condensing		
<b>Dimensions</b>	3.75 in x 2.12 in x 0.70 in (95 mm x 55 mm x 17 mm)		
<b>Weight</b>	1.8 oz (51 g)		
<b>Material</b>	Polycarbonate		
<b>Approvals</b>	US (FCC), CA (IC), CE, South Korea (KCC), China (CMIIT), Taiwan (NCC), Japan (LCIE)		

LYNXPRO	
<b>Measurement Range</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Temperature Resolution</b>	0.1 °C (0.18 °F)
<b>Calibrated Accuracy</b>	±0.5 °C (-5 °C to +55 °C) ±1.0 °C (-20 °C to -5.01 °C) & (+55.01 °C to +60 °C)

LYNXPRO-RTD	
<b>Measurement Range</b>	-100 °C to +200 °C (-148 °F to +392 °F)
<b>Temperature Resolution</b>	0.1 °C (0.18 °F)
<b>Calibrated Accuracy</b>	±0.5 °C (-5 °C to +55 °C) ±1.0 °C (-20 °C to -5.01 °C) & (+55.01 °C to +80 °C) ±2.0 °C (-100 °C to -20.01 °C) & (+80.01 to 200 °C)
<b>Available Thermal Buffer</b>	30 mL Glycol Bottle 60 mL Glycol Bottle 250 mL Glycol Bottle

LYNXPRO-RH	
<b>Ambient Temperature</b>	
<b>Measurement Range</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Temperature Resolution</b>	0.1 °C (0.18 °F)
<b>Calibrated Accuracy</b>	±0.5 °C (-5 °C to +55 °C) ±1.0 °C (-20 °C to -5.01 °C) & (+55.01 °C to +60 °C)
<b>Ambient Humidity</b>	
<b>Measurement Range</b>	0 %RH to +95 %RH
<b>Humidity Resolution</b>	0.1 %RH
<b>Humidity Accuracy</b>	±3 %RH over the range 25 %RH to 75 %RH, 20 °C to 40 °C, Hysteresis Error 1 % Typical 3 % Max

**BATTERY WARNING:** FIRE, EXPLOSION AND SEVERE BURN HAZARD. DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE 100 °C (212 °F), INCINERATE, CRUSH, OR EXPOSE CONTENTS TO WATER.

## Ordering Information

<b>LynxPro</b>	PN 902373-00	Bluetooth Temperature Data Logger
<b>LynxPro-RTD</b>	PN 902375-00	Bluetooth Remote Temperature Data Logger
<b>LynxPro-RH</b>	PN 902374-00	Bluetooth Temperature and Humidity Data Logger
<b>LynxPro-VAX-30</b>	PN 902420-00	Bluetooth Remote Temperature Data Logger with 30 mL Glycol Bottle
<b>LynxPro-VAX-60</b>	PN 902421-00	Bluetooth Remote Temperature Data Logger with 60 mL Glycol Bottle
<b>LynxPro-VAX-250</b>	PN 902422-00	Bluetooth Remote Temperature Data Logger with 250 mL Glycol Bottle