

LynxPro

Bluetooth® Data Logger Series



The LynxPro Series of data loggers is a Bluetooth-enabled solution capable of monitoring temperature and humidity for a variety of applications from -100°C to +200°C and 0% RH to 95% RH



**Bluetooth®
Connectivity**



**Visual
Alarms**



**Store Over
100,000 Readings**



**Be Up & Running
In Minutes**

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**

- Advanced Statistics & Analysis
- Automatic MKT Calculations
- Data Annotations
- Multiple Graph Overlays



ISO 17025 Calibration Certified



SPECIFICATIONS

General

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

LynxPro

Measurement Range	-20 °C to +60 °C (-4 °F to +140 °F)
Temperature Resolution	0.1 °C (0.18 °F)
Calibrated Accuracy	±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

Measurement Range	-100 °C to +200 °C (-148 °F to +392 °F)
Temperature Resolution	0.1 °C (0.18 °F)
Calibrated Accuracy	±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)
Available Thermal Buffer	30 mL Glycol Bottle 60 mL Glycol Bottle 250 mL Glycol Bottle

LynxPro-RH

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

Specifications are subject to change without notice.
Specific warranty remedy limitations apply.
Call **(603) 456-2011** or go to **madgetech.com** for details.

BATTERY WARNING

BATTERY MAY LEAK, FLAME OR EXPLODE IF DISASSEMBLED, SHORTED, CHARGED, CONNECTED TOGETHER, MIXED WITH USED OR OTHER BATTERIES, EXPOSED TO FIRE OR HIGH TEMPERATURE. DISCARD USED BATTERY

Ordering Information

For Quantity Discounts call **(603) 456-2011** or email **sales@madgetech.com**

LynxPro

902373-00 Bluetooth Temperature Data Logger

LynxPro-RTD

902375-00 Bluetooth Remote Temperature Data Logger

LynxPro-RH

902374-00 Bluetooth Temperature and Humidity Data Logger

LynxPro-VAX-30

902420-00 Bluetooth Remote Temperature Data Logger with 30 mL Glycol Bottle

LynxPro-VAX-60

902421-00 Bluetooth Remote Temperature Data Logger with 60 mL Glycol Bottle

LynxPro-VAX-250

902422-00 Bluetooth Remote Temperature Data Logger with 250 mL Glycol Bottle