

# 2YL-RH Series Humidity Loggers

## Overview

**2YL-RH20-4M:** Single integrated temperature and humidity sensors. 4 Million readings, measuring range -40 to +90°C, IP65 rated. Supplied with YoyoLogView software, USB lead and long life battery.

**2YL-RH20E-4M:** External temperature and humidity sensors, 100mm long probe. 4 Million readings, operating range -40 to +90°C, IP65 rated. Supplied with YoyoLogView software, USB lead and long life battery.

**2YL-RG23-4M:** Integrated temperature, humidity and pressure sensors. 4 Million readings, measuring range -40 to +90°C, IP65 rated. Supplied with YoyoLogView software, USB lead and long life battery.

**2YL-RH23E-4M:** Integrated pressure sensor and external temperature and humidity sensor, 100mm long probe. 4 Million readings, measuring range -40 to +100°C, IP65 rated. Supplied with YoyoLogView software, USB lead and long life battery.

### Key Features

#### 2YL-RH20-4M & 2YL-RH20E-4M

- Rugged IP65 housing
- Ideal for Ambient RH measurement
- Status LED:
  - Indicates Alarm
  - Low Battery Warning
- Internal Humidity and Temperature sensors

### Key Features

#### 2YL-RH23-4M & 2YL-RH23E-4M





- Rugged IP65 housing
- Ideal for Ambient RH and Pressure measurement
- Status LED:
  - Indicates Alarm
  - Low Battery Warning
- 2YL-RH23-4M: Internal Humidity, Temperature and Barometric Pressure sensors
- 2YL-RH23E-4M: Humidity, Temperature sensors mounted externally. Internal Barometric Pressure


**NEW**  
Specifications  
**Yoyo**



# 2YL-RH Series Humidity Loggers

## Technical Specifications

2YL-RH Series Humidity Loggers - Technical Specifications					
● = standard		2YL-RH20-4M	2YL-RH20E-4M	2YL-RH23-4M	2YL-RH23E-4M
					
<b>Dimensions (d x h)</b>	mm	50 x 30	50 x 130	50 x 33	50 x 130
<b>Ambient temperature range</b>	°C	-40 to +90			
<b>Measuring range</b>	°C	-40 to +90			
<b>Accuracy</b>	°C	±2% RH and ±0.3		±1.5 hPa/±0.5 hPa	
<b>Internal sensor resolution</b>	K	0.01			
<b>Memory capacity (readings)</b>		4 million			
<b>Active start</b>		●			
<b>Sensor type</b>		1 x Temperature, 1 x Humidity	1 x 100mm Ext. Temperature + RH Steel Tube	Built in Temperature, RH and Pressure	Built in Temperature and RH, 2 x Ext. PT1000
<b>Humidity Sensor (Internal and External)</b>		0 to 100% RH/0.01% RH			
<b>Barometric Pressure Range &amp; Resolution</b>		-		10 to 1100 hPa/0.1 hPa	
<b>Intervals</b>		1 second to 24 hours		1 second to 24 hours or Fastmode 2 Hz	
<b>IP rating</b>		65			
<b>Battery type</b>		LITH-12			
<b>Battery life (Logging Speed)</b>		4 years			
	1 minute	230 days			
	10 seconds	25 days			
	1 second				
<b>Robust, shock proof</b>		●			

2YL-RH Series Humidity Loggers - Accessories					
		2YL-RH20-4M	2YL-RH20E-4M	2YL-RH23-4M	2YL-RH23E-4M
<b>YoyoView Software</b>		●	●	●	●
<b>Wall Holder</b>		●	●	●	●
<b>Lead Seal Kit</b>		●	●	●	●

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.