

# Blue Gizmo Dual channel PT100/PT1000 Data Logger, BG38PT



\*Probe Sensor is not included

## Features

- High precision
- PT100 and PT1000 supported
- Super high resolution 0.001 °C
- Display T1, T2 and T1-T2 data reading
- Temperature graph
- Temperature over limit alarm
- Display Min, Max & Average
- Sample interval 1 time/second
- Memory data up to 20,000 of readings

## SPECIFICATIONS

Channel	Dual channel
Probe Type	PT100 & PT1000
Temperature unit	°C / °F
Measuring range	-200 °C to 800 °C
Resolution	PT100 : 0.01 °C (-200 to 800 °C) PT1000: 0.001 °C (-99.999 to +99.999°C) 0.01°C (others)
Accuracy	PT100 : $\pm(0.05\% t +0.10)^\circ\text{C}$ PT1000 : $\pm(0.05\% t +0.05)^\circ\text{C}$
Measuring speed	1 time/second
Data storage capacity	20,000 groups of readings
Sample interval	Adjustable from 1 ~ 86399 seconds
Operation temperature	-10 to +50 °C (Non-condensing)
Storage temperature	-20 to +60°C (without battery)
Protection Class	IP52
Display	LCD with backlight
File Format	Txt, csv, xls, dlg
Compatibility	Window XP / Vista / 7 / 8 / 10
Power	3pcs x AAA batteries (1.5V)
Dimension	174mm x 73mm x 40mm
Weight	210g (Not including batteries and probe)
Box included	3pcs x AAA bateries, Protective case, USB cable, 2pcs DIN connectors, Manual, Certificate of Conformity (COC) and meter only

## MODEL

## DESCRIPTION

BG38PT	Blue Gizmo Dual-channel PT100 / PT1000 Datalogger
<u>Probe sensor is available upon request.</u>	
TC-PRO-208PT-200	General probe (PT100) 1/10DIN Accuracy, 0 to 100°C, 200mm (L) x Dia 3.2mm
TC-PRO-208PT-300	General probe (PT100) 1/10DIN Accuracy, 0 to 100°C, 300mm (L) x Dia 3.2mm

\*Note: High accuracy sensor probe with  $\pm 0.03^\circ\text{C}$  available upon request

Temperature

Calibrator

Pressure

Humidity

Recorder &  
Dataloggers

Air Flow

Level & Flow

Portable  
Instruments

EX Proof / IS

Environment

Aerospace