



tem	Description
Number of channels	Varies by the input module used, and measurement type is fixed with each input module
Input method, Type of input terminal	
Output signal	Alarm (1 channel), solid state switch with optical isolation (Optocoupler, Max. load is the 30 V, 50 mA)
Interface to PC	USB (micro USB B type connector), Wireless LAN (WLAN) in GL100-WL
Wireless LAN (in GL100-WL)	Standards: IEEE802.11b, Communication distance: approx. 40 m * It varies by the condition of the LAN. Real-time transfer rate is up to 500ms. The WLAN is able to disable. (It is enabled in the factory default setting)
Storage device	Built-in memory: RAM (Approx. 4.9 MB) External memory: microSD memory card * Maximum file size for captured data is 1.9MB. It is recommended to use the microSD memory card that supports sleep mode.
Display	LCD (backlit monochrome, graphical type 128 x 64 dots) Contents: Captured data and Setting menu (Stored data is not

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	able to replay. It is able to replay using the PC application software.)
Functions	• Real-time data capturing • Display the captured data value to the LCD in real-time and save the monitoring values • Set conditions using the Menu setting
	While using USB port: • Output captured data in real-time • Output the saved data from the internal memory • Full control of the GL100 from the PC application software
	While using Wireless LAN (in GL100-WL): • Output captured data in real-time • Output the saved data from the internal memory • Full control of the GL100 from the PC application software • Simple control of the GL100 from the application software of Smart Device • Send warnings via the e-mail
Alarm	• Action Outputs the signal when the measuring data reaches the present conditions of alarm • Source Level of measuring data • Detecting method Condition: Higher or lower (signal is higher or lower than the threshold) Combination: OR
Trigger	• Action Start or stop the recording of captured data by trigger • Source Start trigger: OFF, Level (*), Alarm, or Date Stop trigger: OFF, Level (*), Alarm * Level trigger is available in the analog input of the GS-4VT, GS-4TSR, and GS-3AT module. • Detecting method of the Level (*) Condition: Rising or Falling (signal is passed through the threshold) Combination: OR or AND

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Dustproof and waterproof	IP54 compatible (*) * It is effective only in the condition that the input module is set to the GL100 and then the covers of connector and battery are closed. It is recommended to replace the packing of cover in periodically.
Power source	• Alkaline battery (AA size x 2) • USB bus-power (5V, 200 mA) (*) * When AC adapter for USB device is used, the required power capacity is 5V, 1A. Battery and AC adapter is not included.
Operating environment	Temperature: -10 °C to 50 °C Humidity: up to 80 % RH (non condensed)
External dimension [W x D x H]	Approx. 66 x 100 x 27 mm (exclude protrusion)
Weight	GL100-N: Approx. 125 g, GL100-WL: Approx. 130 g