



## Wi-Fi 2/4 Log: Two/Four Channel Universal Input Wireless Logger

Wi-Fi 2/4 Log are two or four channel universal input wireless data loggers with Wi-Fi connectivity. The 16 character X 2 line alphanumeric LCD display with backlight provides clear indication of the process parameters & 5 key comprehensive keypad gives user friendly man machine interface. It provides real time data collection & monitoring from anywhere over local Wi-Fi network within clear line of sight & operates on mesh network topology which ensures alternative data transfer in case of any component failure. In-built USB Host driver gives the flexibility to download the data on USB stick & offers the on-site program update facility to the system. It allows wireless monitoring & data logging of multiple locations at the same time.

### Key Features:

- Multi point data logging with centralized wireless monitoring
- Two/Four analog/digital inputs
- Storage capacity of 60,000 samples/channel
- Inbuilt local audible alarm for warning
- Inbuilt RTC with variable logging interval
- USB host port for easy data retrieval
- 2.4GHz License Free communication frequency
- Mesh network topology for uninterrupted data transfer
- Easy set up and analysis through dedicated software

### Application Areas:

- Cold storage, dairy & food industries
- Blood banks & cold room freezers
- Weather station recording
- Airports
- Monitoring application in pharmaceutical industries

## Technical Specifications:

	Wi-Fi 2 Log	Wi-Fi 4 Log
Description	2 or 4 Channel Universal Input Wireless Logger	
No. Of Inputs	2 Nos.	4 Nos.
Features	<ul style="list-style-type: none"> <li>• Portable Indicator &amp; Logger with Local Alarm</li> <li>• 60,000 samples Data Storage Capacity</li> <li>• Battery Operated (Rechargeable)</li> <li>• Wi-Fi Compatibility</li> <li>• USB Host Port for data retrieval</li> </ul>	
Display	16 character X 2 line LCD display with Backlight	
Input Types	a. RTD : PT100 b. Thermocouple : J, K, R, S, T c. Volt Inputs(DC) : 0-2000 mV d. Current Inputs(DC) : 0-20 mA ,4 - 20 mA	
Sample Rate	Continuous	
Resolution	TC : 0.1 °C RTD : 0.1 °C Volt Input : 1, 0.1, 0.01, 0.001, 0.0001 Current Input : 0.001 mA	
Accuracy	For TC inputs : ± 5 °C For RTD input : ± 0.5°C Volt Input : 0.1% Current Input : 0.1%	
Real Time Clock	Available with Battery backup	
Logging Modes	Continuous/ Time Based/ Value Triggered/ Burst Logging	
Logging Interval	1 sec. to 1 Hr (Programmable)	
Data Logging	Parameter value of each channel is stored with respect to real time and the alarm status of the corresponding channel in the internal flash memory. Data is retained even in the absence of mains power.	
Data Storage	60,000 Samples ( Expandable up to 1,20,000 samples )	
Alarms	Local Audio - Visual Alarm with Mute facility	
Alarm Modes	High Alarm, Low Alarm, Band alarm(In range / Out range)	
Reset Action	Automatic/Latch	
USB Interface	USB Host Port	
Reports	Tabular reports of process value along with alarm status for each channel can be generated / printed along with channel statistics like Minimum Value, Maximum Value & Average value of each channel over selected period.	
Operating Power	Battery Operated ( with Internal rechargeable Li-Ion battery )	
Power Storage Capacity	12 Hours (When fully charged )	
Battery Life	Approx. 4 Years	
Wireless Frequency	2.4GHz License Free communication frequency	
Wireless Range	200 to 500 meter with clear line of site communication	
Transmission Network	Mesh topology network	
Transmission Interval	Minimum 500msec	
Temperature	Operating : -10°C to 50°C Storage : -20°C to 50°C	
Humidity (Non-Condensing)	Up to 95% RH	
Housing & Type of Mounting	Wall Mounting ABS Enclosure	
Dimensions	135mm(W) X 85mm(H) X 60mm(D)	



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