

3-Channel Paperless Recorder

This 3-channel paperless recorder inputs signals such as standard current, voltage, frequency, millivolt, thermocouple, and thermal resistance. It offers sensor isolation power distribution output, relay alarm output, flow accumulation, historical data transfer, and remote communication functions.



Product Overview

High-Performance 3-Channel Paperless Recorder

The WP-R80 series is a 3-channel, single-color paperless recorder designed for high-speed signal detection, recording, and alarm management. Featuring a 32-bit ARM microprocessor, it delivers a response time of less than 0.2 seconds and supports a wide array of input signals including standard current, voltage, frequency, and thermal resistance. This compact device offers robust data integrity with large-capacity flash memory, ensuring historical data is preserved even during power failures.

Technical Specifications

Processor	32-bit ARM microprocessor
Response Time	0.2 s
Display	2.1 inch 128x64 dot matrix STN monochrome graphic LCD with LED backlight
Power Supply Range	85VAC-265VAC
Signal Accuracy	±0.5% full range
Relay Alarm Outputs	2

Input Capabilities

Supported Signal Types	Standard Current, Standard Voltage, Frequency, Millivolt, Thermocouple, Thermal Resistance
Input Configuration	Yes

Advanced Features

Flow & Compensation Models

- Vortex Street
- Turbine
- Electromagnetic Flowmeter
- Orifice Plate
- Elbow
- Steam/Water/Gas Compensation

Report Types

- Hourly
- 8-hour shift
- 12-hour shift
- Daily
- Monthly

Key Metrics

Key Performance Indicators

3 channels

Input Channels

19999

Max Display Value

15 records

Alarm Message Storage