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Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa MV2008 Portable Paperless Recorder, 8 Ch, 125 Ms (Fast sampling mode: 25 ms)

Yokogawa MV2008 8-Channel Portable Paperless Recorder The Yokogawa MV2008 is the fast-sampling 8-channel member of the MV2000 portable paperless recorder family. It supports measurement intervals of 125 ms or 250 ms in normal fast modes and 25 ms in High-Speed mode (A/D integration fixed at 1.67 ms), distinguishing it from MV2010/MV2020 class models that use 1 s normal intervals. The unit shares the MV2000 10.4-inch TFT display, 200 MB memory, universal isolated inputs, and CF/USB/Ethernet connectivity. The Yokogawa MV2008 is the fast-sampling 8-channel member of the MV2000 portable paperless recorder family. It supports measurement intervals of 125 ms or 250 ms in normal fast modes and 25 ms in High-Speed mode (A/D integration fixed at 1.67 ms), distinguishing it from MV2010/MV2020 class models that use 1 s normal intervals. The unit shares the MV2000 10.4-inch TFT display, 200 MB memory, universal isolated inputs, and CF/USB/Ethernet connectivity. Higher-speed 8-channel portable recording; capturing faster process transients than 1 s scanners; field troubleshooting DAQ; paperless logging with CF/USB archive.



MODEL

**Yokogawa
MV2008**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MV2008

LISTING

<https://aumictechlabs.com/products/mv2008-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Yokogawa MV2008 is an 8-channel portable paperless recorder designed for reliable data logging and monitoring across laboratory and field environments. This compact instrument acquires data from thermocouples, RTDs, DC voltage, contact inputs, and specialty signal types including strain and pulse measurements. The MV2008 delivers sampling rates from 125 ms (normal mode) down to 25 ms (fast sampling mode), with flexible trigger capabilities - alarm, external contact, time-based, and calculated data - plus pre-trigger functionality for efficient capture. Data stores to 400 MB internal flash memory with expansion via Compact Flash cards and USB drives.

Technical Specifications

Data Acquisition 8 input channels with 1000 VAC isolation between channels Sampling rates: 125 ms (normal), 25 ms (fast mode) Free mode and trigger modes (alarm, external contact, time, calculated data) Pre-trigger functions available

Input Types Thermocouple (up to 18 types) RTD (up to 12 types) DC voltage ± 50 V Contact, DI, power monitor, pulse, strain, and mA inputs

Memory & Storage Internal: 400 MB flash memory External: Compact Flash and USB drive support

Display LCD monitor with trend display (vertical, horizontal, horizontal wide, separated horizontal) Digital update rate: 1 second Tag display (16 characters), message display (32 characters)

Power & Environment Supply voltage: 90–132 VAC or 180–250 VAC Frequency: 50/60 Hz $\pm 1\%$ Warm-up time: minimum 30 minutes

Physical Dimensions: 189 mm W $\times$ 177 mm H $\times$ 259 mm D Weight: approximately 3.5 kg Removable input terminals, rotatable handle

Key Features Channel isolation with 1000 VAC withstand voltage Multiple trigger modes including pre-trigger capture Dual sampling rates for flexible measurement intervals

Interfaces & Connectivity Ethernet: Email client, FTP server, Web server, SNTP client Serial: RS-232, RS-422/485 options USB: Keyboard and flash memory device support Modbus RTU and Modbus TCP communication

Typical Applications Temperature monitoring, multi-channel data acquisition, transient event capture, industrial process logging, and remote system supervision via Ethernet connectivity.

Features & description

From manufacturer datasheet

Features

- Exactly 8 isolated input channels

MV2008 Characteristics / Specifications

PARAMETER	VALUE
Model	MV2008
Manufacturer	Yokogawa
Instrument Type	8-channel portable paperless recorder (fast sampling)
Channels	8
Measurement Interval	125 ms, 250 ms, or 25 ms in High-Speed mode
Display	10.4-inch TFT color LCD, 640 × 480
Internal Memory	200 MB
External Media	CF card; USB memory
DC Voltage Ranges	20, 60, 200 mV; 2, 6, 20, 50 V; 1-5 V
Thermocouple Types	R, S, B, K, E, J, T, N, W, L, U, WRe
RTD Types	Pt100, JPt100 DI: Contact or TTL level
DCA	DC current with external shunt
Input Isolation	Floating unbalanced; isolated between channels (RTDbcommon)
A/D Resolution	+/-20000 (16-bit A/D class)
Dimensions (family)	307 × 273 × 260 mm
Weight Class (family)	about 5.6 kg
Communications	USB; RS-232; Ethernet
Network Functions Class	Web; FTP; SNTP; Modbus; email
Power	100/240 VAC class (confirm option); 12 VDC option class
Alias	MV2008; RD-MV2008
Family	MV2000 / MVAdvanced
Related Compact Fast	MV1004 / MV1008 on MV1000 family Notes Specs from Yokogawa MV1000/MV2000 bulletin for MV2008. High-Speed mode may show more power-line noise; switch to Normal integration times if readings fluctuate.
Universal inputs	DCV, TC, RTD, DI, DCA

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	MV2008
Manufacturer	Yokogawa
Instrument Type	8-channel portable paperless recorder (fast sampling)

Channels: 8

Measurement Interval: 125 ms, 250 ms, or 25 ms in High-Speed mode

High-Speed A/D Integration: fixed 1.67 ms

Specifications

PARAMETER	VALUE
Display	10.4-inch TFT color LCD, 640 x 480
Internal Memory	200 MB
External Media	CF card; USB memory

Specifications

PARAMETER	VALUE
DC Voltage Ranges	20, 60, 200 mV; 2, 6, 20, 50 V; 1-5 V
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Specifications

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DI	Contact or TTL level
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Network Functions Class	Web; FTP; SNTP; Modbus; email
Power	100/240 VAC class (confirm option); 12 VDC option class

Alias: MV2008; RD-MV2008

Related 10-ch Slower: MV2010 (1 s normal / 125 ms High-Speed)

Family: MV2000 / MVAdvanced

Related Compact Fast: MV1004 / MV1008 on MV1000 family

Notes

Specs from Yokogawa MV1000/MV2000 bulletin for MV2008. High-Speed mode may show more power-line noise; switch to Normal integration times if readings fluctuate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.