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Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa MV1004 Portable Paperless Recorder, 4 Ch, 125 Ms (Fast sampling mode: 25 ms)

Yokogawa MV100 MobileCorder Paperless Recorder The Yokogawa MV100 is a portable MobileCorder paperless videographic recorder family (MV102, MV104, MV106, MV112) with Ethernet networking, removable storage, and wide-viewing-angle TFT display for stand-alone or networked data logging. Portable multi-channel temperature and process logging; networked plant data acquisition; email/FTP alarm notification; field and bench data archival. The Yokogawa MV100 is a portable MobileCorder paperless videographic recorder family (MV102, MV104, MV106, MV112) with Ethernet networking, removable storage, and wide-viewing-angle TFT display for stand-alone or networked data logging. Portable multi-channel temperature and process logging; networked plant data acquisition; email/FTP alarm notification; field and bench data archival.



MODEL

Yokogawa MV100

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MV100

LISTING

<https://aumictechlabs.com/products/mv100-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Yokogawa MV1004 is a portable paperless recorder engineered for four-channel industrial data acquisition in laboratory and field environments. It combines fast sampling capability with flexible storage and network connectivity to support process monitoring, control verification, and transient event capture across diverse applications. Technical Specifications Data Acquisition 4

input channels Normal sampling: 125 ms interval; Fast sampling: 25 ms interval A/D integration time: 16.7 ms (normal) or 1.67 ms (fast) Measurement accuracy: $\pm 0.1\%$ of span under standard conditions ($23 \pm 2^\circ\text{C}$, $55 \pm 10\%$ RH) Warm-up time: minimum 30 minutes Memory and Storage Internal memory: 200 MB (80 MB or 200 MB selectable at order) External media support: Compact Flash cards, USB flash drives Display: Color TFT-LCD with 1-second digital update rate Power and Electrical AC supply: 100–264 Vac (auto-switching), operating range 90–132 Vac or 180–264 Vac DC supply: 12 Vdc / 24 Vdc rated, 10.0–28.8 Vdc operating range Withstand voltage: 2300 Vac power-to-ground (1 min); 1600 Vac contact output; 1500 Vac measuring input; 1000 Vac between input terminals; 1000 Vdc remote control Physical Dimensions: 189 mm (W) $\times$ 177 mm (H) $\times$ 253–259 mm (D) Key Features Dual-mode sampling for both continuous logging and fast transient capture Ethernet (10BASE-T) with TCP, UDP, IP, ICMP, ARP, DHCP, HTTP, FTP, SMTP, SNMP, Modbus RTU/TCP support Automatic alarm e-mail notifications via SMTP Web server displays recorder screens in standard browsers FTP server for remote file management SNTP time synchronization USB 1.1 host (2 ports) for keyboard input Tag display up to 16 characters; message display up to 32 characters Typical Applications Industrial process validation and monitoring Equipment diagnostics and troubleshooting Transient and anomaly capture in control systems Long-term data logging in space-constrained installations Compatibility & Integration Ethernet connectivity enables integration with industrial networks. USB and removable storage (CF, USB flash) support flexible data archival and offline analysis workflows.

Features & description

From manufacturer datasheet

Features

- Channel counts: 2, 4, 6, or 12 (MV102 to MV112)

MV100 Characteristics / Specifications

PARAMETER	VALUE
Model	MV100 (family; see MV102/MV104/MV106/MV112)
Manufacturer	Yokogawa
Instrument Type	Portable Paperless Recorder
Series	MV100 MobileCorder
Display	5.5-inch TFT color LCD, 320 × 240 dots
Max Input Channels	12 (MV112)
Sampling Interval 2 ch	125 ms
Sampling Interval 4 ch	125 ms
Sampling Interval 6 ch	1 s (2 s if A/D integration 100 ms)
Sampling Interval 12 ch	1 s (2 s if A/D integration 100 ms)
Internal Memory	approx. 27 hours at 1 s on 6 ch (expandable with media)
Ethernet	10BASE-T standard
Removable Media	3.5-inch floppy; Zip disk; CompactFlash
Email Function	supported via Ethernet
Web Server Function	supported
Dimensions MV1	approx. 152 × 225 × 240 mm
Weight MV1	approx. 4 kg
Operating Temperature	0 to 50 degC Power: 100 to 240 VAC or optional battery pack
Related Models	MV102; MV104; MV106; MV112
Alias	MV100
Alarm Function	supported
Math Function	supported (model dependent)
Battery Option	rechargeable battery pack available Notes MV100 denotes the MobileCorder family; confirm specific channel model (MV102/104/106/112). Discontinued May 2006; successor MVAdvanced/MV1000 class.

PARAMETER	VALUE
Channel counts	2, 4, 6, or 12 (MV102 to MV112)

MV100 Specifications

PARAMETER	VALUE
Yokogawa MV100 MobileCorder Paperless Recorder	Overview
Key Features	- Channel counts: 2, 4, 6, or 12 (MV102 to MV112)
Technical Specifications	Model: MV100 (family; see MV102/MV104/MV106/MV112)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 50 degC Power: 100 to 240 VAC or optional battery pack
Operating Temperature	0 to 50 degC Power: 100 to 240 VAC or optional battery pack
Related Models	MV102; MV104; MV106; MV112
Alias	MV100
Alarm Function	supported
Math Function	supported (model dependent)
Battery Option	rechargeable battery pack available Notes MV100 denotes the MobileCorder family; confirm specific channel model (MV102/104/106/112). Discontinued May 2006; successor MVAdvanced/MV1000 class.

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	MV100 (family; see MV102/MV104/MV106/MV112)
Manufacturer	Yokogawa
Instrument Type	Portable Paperless Recorder
Specifications	
PARAMETER	VALUE
Series	MV100 MobileCorder
Display	5.5-inch TFT color LCD, 320 x 240 dots
Max Input Channels	12 (MV112)
Specifications	
PARAMETER	VALUE
Sampling Interval 2 ch	125 ms
Sampling Interval 4 ch	125 ms
Sampling Interval 6 ch	1 s (2 s if A/D integration 100 ms)
Specifications	
PARAMETER	VALUE
Sampling Interval 12 ch	1 s (2 s if A/D integration 100 ms)
Internal Memory	approx. 27 hours at 1 s on 6 ch (expandable with media)
Ethernet	10BASE-T standard
Specifications	
PARAMETER	VALUE
Removable Media	3.5-inch floppy; Zip disk; CompactFlash
Email Function	supported via Ethernet
Web Server Function	supported

Specifications

PARAMETER	VALUE
Dimensions MV100	approx. 152 x 225 x 240 mm
Weight MV100	approx. 4 kg
Operating Temperature	0 to 50 degC Power: 100 to 240 VAC or optional battery pack

Specifications

PARAMETER	VALUE
Related Models	MV102; MV104; MV106; MV112
Alias	MV100
Alarm Function	supported

Math Function: supported (model dependent)

Battery Option: rechargeable battery pack available

Notes

MV100 denotes the MobileCorder family; confirm specific channel model (MV102/104/106/112). Discontinued May 2006; successor MVAdvanced/MV1000 class.

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

Aumictech

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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.