

OM-CP-QUADSTATE 4-Channel State Recorder

Part of the NOMAD® Family

OM-CP-QUADSTATE data logger, \$399, shown smaller than actual size

Starts at
\$399



- ✓ Interfaces to Contact Closures or TTL Signals Up to 30 V
- ✓ Real-Time Operation
- ✓ Programmable Start Time
- ✓ Programmable Engineering Units
- ✓ Memory Wraparound
- ✓ Miniature Size

The OM-CP-QUADSTATE is a four-channel, battery-powered, standalone state recorder. This portable, easy to use device will read and record up to 52,428 state changes. The OM-CP-QUADSTATE senses input transitions or contact closures from external sources such as transducers and/or state initiators, and it records the time and input state of the device when a transition occurs. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The device can be started and stopped directly from a computer and its small size allows it to fit almost anywhere.

The OM-CP-QUADSTATE makes data retrieval quick and easy. Simply plug it into an available COM port and our user-friendly software does the rest. The software converts a PC into a real-time strip chart recorder. Data can be printed in graphical and tabular format or exported to a text or Microsoft Excel file.

Specifications

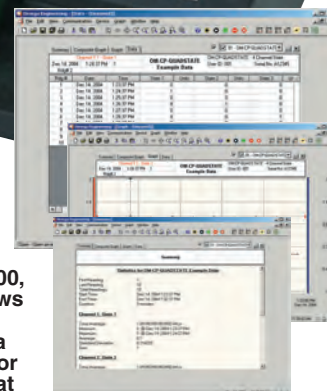
Input Connection:
4 removable screw terminals
Input Low: <0.4 V
Input High: >2.7 V
Input Range: 0 to 30 V
Duty Cycle Limitation:
24 V: 10% (<6 seconds per minute)
18 V: 25% (<15 seconds per minute)
12 V: 50% (<30 seconds per minute)
Input Impedance: >1 KΩ



Time Resolution: 1 second (reading rate dependent)
Engineering Units: User can define units up to 10 characters in length. This value is stored within the device.
Scale Factor: User can program any desired scaling factor from $\pm 1.000E-31$ to $\pm 9.999E+31$. The scaling factor is stored within the device.
Start Time: Software programmable start time and date, up to six months in advance
Reading Interval: 1 reading every second to 1 every 12 hours
Memory: 52,484 state changes
Real-Time Recording: Can be used with PC to monitor and record data in real-time
Calibration Date: Automatically recorded within device
Power: 9 V lithium or alkaline battery (included; 120 Vac power optional)
Battery: 1 year typical
Data Format: Date and time stamped state changes (on/off); engineering units specified through software



OM-CP-IFC200, \$129, Windows software displays data in graphical or tabular format



Time Accuracy: ± 1 minute/month (at 20°C, RS-232 cable not in use)
Computer Interface: PC serial, RS-232C COM or USB (interface cable required); 2400 baud
Software: WIN2000/XP/VISTA 32-bit/7(32-bit); (VISTA/7 32-bit version only; VISTA/7 64-bit are not supported)
Operating Environment: -40 to 80°C (-40 to 176°F)
0 to 95% RH non-condensing
Dimensions: 89 H x 111 W x 26 mm D (3.5 x 4.4 x 1.0")
Weight: 370 g (13 oz)

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
OM-CP-QUADSTATE	\$399	4-channel state data logger
OM-CP-IFC110	109	Windows software and 1.2 m (4') RS-232 cable with DB9F termination
OM-CP-IFC200	129	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT103	25	Replacement 9 V lithium battery
OM-CP-CONNECTOR-2	4	Replacement 2 position terminal block connector

Operator's manual is included with the OM-CP-IFC200 Windows software and USB cable (required to operate the data logger and sold separately). To order data loggers with optional 120 Vac power, add suffix "-AC" to model number and add \$100 to price.
Ordering Example: OM-CP-QUADSTATE 4 channel state data logger and OM-CP-IFC200 Windows software with USB cable, \$399 + 129 = \$528.



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• Flow and Level

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• Heaters

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