

OM-CP-OCTSTATE 8-Channel State Recorder Part of the NOMAD® Family

Starts at
\$699



- ✓ 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-OCTSTATE is a 8-channel, battery-powered, standalone state recorder. This portable, easy-to-use device that will measure and record up to 52,484 state changes. 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-OCTSTATE 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: 8 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% (<5 seconds per minute)

12 V: 50% (<30 seconds per minute)

Input Impedance: > 1K Ω

Time Resolution: 1 second (reading rate dependent)

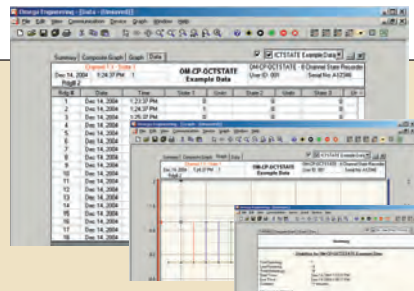
Engineering Units: User may define units up to 10 characters in length. This value is stored within the device.

OM-CP-OCTSTATE, \$699, data logger shown smaller than actual size



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: May 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
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: XP SP3/Vista and 7 (32-bit and 64-bit)
Operating Environment: -40 to 80°C (-40 to 176°F)
 0 to 95% RH non-condensing
Dimensions: 89 H x 111 W x 37 mm D (3.5 x 4.4 x 1.5")
Weight: 480 g (17 oz)



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

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OM-CP-OCTSTATE	\$699	8-channel state data logger
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-OCTSTATE 8-channel state data logger and OM-CP-IFC200 Windows software USB interface cable, \$699 + 129 = \$828.



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• Flow and Level

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• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters