

OM-CP-EVENT101 and OM-CP-EVENT110

Event Data Loggers Part of the NOMAD® Family

Starts at
\$99



- ✓ Memory: 13,107 Time Stamped Events
- ✓ Miniature Size
- ✓ Memory Wraparound
- ✓ Interfaces to Tipping Bucket Rain Gages and Other Devices with TTL Pulse, Contact Closure Output
- ✓ Real-Time Operation
- ✓ Operational in Minutes

The OM-CP-EVENT101 and OM-CP-EVENT110 are low-cost recording devices that will sense a contact closure from external sources such as transducers or pulse initiators (gas, water, and electric meters) and record the time that a particular event has occurred. Once activated, the data logger senses and records transition or state changes at the input. Its real-time clock ensures that all data is time and date stamped. This is ideal for recording events. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The small size of these devices allows them to fit almost anywhere. Data retrieval is simple. Plug either device into an available COM port and our easy-to-use software does the rest. The software converts your computer 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

Event Resolution: 1 second (records only up to 1 event per second; works with flow meters that output less than one pulse/second)
Minimum Contact Closure Time: 1 msec
Input Range: 0 to 12 Vdc continuous; (0 to 30 Vdc peak)
Input Low: <0.4V
Input High: >2.7V
Internal Weak Pull-Up: < 500µa



Recommended Duty Cycle for Inputs Greater Than 12 Vdc (Over 1 min Interval @ 25°C):
 18V:<50%; 24V:<25%;
 30V:<10%

Event Recording: Device records an event when the contact closes (falling edge of the electrical signal)

Input Connection:

Removable screw terminal

Input Impedance: >1 KΩ

Memory Wraparound:

Selectable in software

Real-Time Recording: Device can be used with PC to monitor and record data in real-time

Visual Indicator: LED flashes on event

Power: 3.6 V lithium battery included

Battery Life:

OM-CP-EVENT101: 1 year at 25°C

OM-CP-EVENT110: 10 years at 25°C

Time Accuracy:

±1 minute per month at 20°C (68°F) when RS-232 is not in use

Data Format: Date and time stamped

Computer Interface:

PC serial, RS-232C COM or USB (interface cable required)



OM-CP-EVENT101, \$99, and OM-CP-EVENT110, \$199, data loggers shown larger than actual size.

Communications:

OM-CP-EVENT101: 2400 baud

OM-CP-EVENT110: 57,600 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:

OM-CP-EVENT101:

36 H x 64 W x 16 mm D
 (1.4 x 2.5 x 0.6")

OM-CP-EVENT110:

43 H x 69 W x 20 mm D
 (1.7 x 2.7 x 0.8")

Weight:

OM-CP-EVENT101: 30 g (1 oz)

OM-CP-EVENT110: 60 g (2 oz)

IN STOCK FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
OM-CP-EVENT101	\$99	Event data logger with 1-year battery life (CE approved)
OM-CP-EVENT110	199	Event data logger with 10-year battery life
OM-CP-IFC200	119	Windows software and 3.7 m (12') USB interface cable
OM-CP-BAT105	12	Replacement 3.6 V lithium battery
OM-CP-CONNECTOR-2	4	Replacement 2 position terminal block connector

Comes complete with 3.6V lithium battery. Operator's manual and interface cable are included with the OM-CP-IFC200 software/cable package (required for data logger operation, sold separately).

Ordering Example: OM-CP-EVENT101 event data logger and OM-CP-IFC200 Windows software with USB interface cable, \$99 + 119 = \$218.



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