

COLOR MULTICHANNEL DIGITAL RECORDER

CAOM IDMC-02



Technical characteristics

- Recorder without paper
- LCD color display, 6 1/4 inch, programmable illumination and intensity, touchscreen
- Support for WINDOWS CE3.0
- Displays color graphs, bar graphs, tables and information in alphanumeric format
- Displays time and alarm situations
- Uses a 8 Mo portable memory for recording, expandable to 64 MO, or a PCMCIA card
- Makes the +, - mathematic calculations, integration and radical extraction
- 6 internal channels with minimum 100 ms sampling speed

As input options:

- the device has a fast acquisition module, 6 channels with 2 ms scanning
- the number of inputs can be expanded up to 24 , using external modules with 8 channels or with one channel (compatibles with ADAM4000 series manufactured by ADVATECH or with the modules manufactured by ICPDAS)
- can measure mV, V, mA, TC, RTD or resistances with 0.02% precision
- is endowed with 8 alarm relays and 8 numerical inputs
- each input can have 4 alarms out of 6 possible
- is endowed with RS485 interface and ASCII communication protocol (also available SDFM, Modbus or Profibus Dp protocols and , on request, other protocols can be added) as well as two RS232 interfaces (COM1 and COM3) and LPT1 printer port
- PCMCIA base that allows booklets coupling that allows Ethernet, TCP/IP and WEB technologies or a memory extension for recording
- optionally, a module for Ethernet, TCP/IP and WEB module can be added
- the IDMM01- SW software (runs on PC with Windows) can:
 - converts the data taken over from the portable memory into ACSII, Excel or other format, on request
 - creates history files
 - displays the wave size for the selected signals
 - prints the wave size
 - displays and prints the alarm and events journals
 - process other requests
- Overall dimensions: (width x height x depth): 202 x 136 x 100 mm