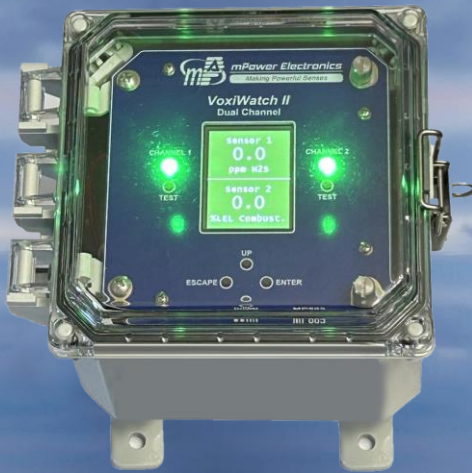


MP883 Dual-Channel Controller



The MP883 Dual-Channel Controller is the central unit of a VOXI gas alarm system, which connects one or two gas transmitters with cables by Modbus® RTU protocol. The Controller shows real-time readings or statuses from connected gas transmitters, and automatically activates various alarms or devices when the monitored gases exceed the permitted health or safety levels. The Controller is housed in a NEMA 4X enclosure, and has a large easy-to-read color display, common or individual channel relays, and optional horn and strobe assemblies.

Features, Functions and Benefits

- Wall mounted enclosure with lock
- Large graphic color LCD
- Push-button interface on controller display panel
- One multi-color LED per channel for power, fault, and alarm
- Communication: Modbus® RTU
- Two 3-wire 4-20mA inputs from transmitters
- Strobe and Horn relays
- 3 programmable dry contact relays (2 alarms, 1 fault)
- Up to 10 years of events logged

VOXI CONTROLLER Specifications

Controller Specifications

Size	6 x 6 x 4 in (152 x 152 x 102 mm)
Weight	5.6 lbs. (2.5 kg)
Enclosure	Polycarbonate NEMA 4X indoor or Outdoor
Mounting	Flat Solid Surface
Main Power	12-24 VDC
Temperature	-4° to 159°F (-20° to 65°C)
Humidity	0% to 95% RH (non-condensing)
Display	2.4-in Diagonal 240 x 320 Pixels. Background color changes with alarm status: green, yellow, red or blue
Channels	Two 4-20 mA channels
Outputs	<ul style="list-style-type: none">• Strobe and Horn• 2 programmable alarm relays• 1 programmable fault relay• Modbus® RTU
Event Log	<ul style="list-style-type: none">• Up to 10 years log of Power on, Calibrations, Alarms, Faults, Peaks
Relay Contact Rating	<ul style="list-style-type: none">• 30 VDC 5A• 120 VAC 10A
Power Draw	12 Watts maximum power consumption with two transmitters
Warranty	2 Years



Control Panel

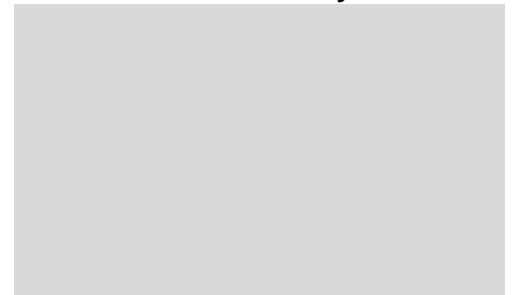
Standard Features

- Controller
- Mounting Parts
- Quick Start Guide
- QC Certificate
- ModBus® RTU

Applications

- Oil and gas
- Petrochemical plants
- Utility facilities
- Energy storage
- Steel mills
- Water and air treatment
- Industrial safety
- Fence-line monitoring

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* Due to ongoing research and product improvement, specifications are subject to change without notice *