

Macurco™

BUILDING & HOME SOLUTIONS

Whether you are looking for gas detection for a security system, building automation or HVAC system, for personal safety or for monitoring specific gases in potentially hazardous environments, Macurco has a gas detector to meet your needs.



DVP-1200 Control Panel

The DVP-1200 controller in conjunction with Macurco gas detectors provides automatic control to help maintain an acceptable environment in parking garages or other applications. This control panel offers an expandable system with up to 192 addressable detectors in the field. The DVP-1200 comes standard with four relays, as well as expandable onboard relay options (+2, +4). Other outputs on the DVP-1200 include three analog outputs, four 24VDC drivers, and BACnet IP. The DVP-1200 can be connected to up to two remote relay boxes with each remote relay box containing two relays. With the expandability of this panel, the DVP-1200 will fit into any gas detection application.



DVP-1200

Key Features


- Three RS-485 channels can connect up to 192 detectors (64 per channel)
- Up to 12 relays
 - Standard with four onboard relays
 - Up to four optional onboard expansion relays (+2 or +4)
 - Can be connected to two remote relay boxes (two relays in each box)
- (3) 4-20mA outputs for VFD control
- (4) 24VDC outputs for alarm, trouble, remote notification
- BACnet IP (ethernet connection)
- Lockable NEMA4X type enclosure
- Total of eight zones can be defined
- Event logging

Applications

- Parking garages
- Car dealerships
- Ambulance/firehouse bays
- Warehouses
- Manufacturing
- Loading docks
- Mechanical Rooms
- Distribution centers
- Vehicle repair facilities
- Bus depots

DVP-1200 Control Panel

Specifications

Size	13" x 10" x 2.75" (33 X 25.4 X 6.9 cm)
Weight	12.4 lbs (5.6 kg)
Voltage/Current	Power Input: 100 – 240 VAC 1 Amp, 50/60 Hz, single phase
Operating Temperature	32°F to 104°F (0°C to 40°C)
Ambient Humidity	0% to 95% RH non-condensing
Display	LCD display: 320 x 240 Pixels Graphic with backlight
Mounting	Mounting holes in each corner
Relays	4 SPDT, 120/240 VAC, 10 A Max (resistive) Optional additional relay boards (+2 or +4) Optional remote relays (up to 4)
Settings	External keypad for user selection of the transducer/alarm display and setting the configuration
Status Indicators	Power / trouble, hush, warning / alarm, and relay
Alarms	Internal buzzer, 90 dBA at 1ft
Enclosure	NEMA4X rated
Certifications	ETL Listed to UL 2017 
Warranty	Two year limited warranty

Accessories

Name	Model Number
Remote Relay	RR-24
Addressable Adapter (6 series only)	MRS-485
Horn and Strobe (4 color options)	HS-A, HS-B, HS-C, HS-R
Power Supply	MAC6AMP-4, MAC10AMP-4



Horn and Strobe



Addressable Adapter



Remote Relay



Power Supply

Wiring Diagram