

# 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**



## 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 four remote drivers with each remote driver containing a combination of inputs/outputs. With the expandability of this panel, the DVP-1200 will fit into any gas detection application.

### Key Features

- Three RS-485 channels can connect up to 192 detectors (64 per channel)
- Standard with 4 onboard relays
  - Up to 4 optional onboard expansion relays (+2 or +4)
- (3) 4-20mA outputs for VFD control
- (4) 24VDC outputs for alarm, trouble, remote notification
- BACnet IP (ethernet connection)
- Lockable NEMA4X type enclosure
- Eight configurable zones
- Event logging
- Using up to 4 remote drivers
  - Max additional 32 relays
  - Max additional 32 analog outputs
  - Max additional 48 analog inputs

### 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

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## 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<br>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                                                                                                                   |
| Onboard Relays           | 4 SPDT, 120/240 VAC, 10 A Max (resistive)<br>Optional additional relay boards (+2 or +4)                                                        |
| Expansion Inputs/Outputs | Using up to 4 RD-24 drivers<br>- Optional remote relays (up to 32)<br>- Optional analog output (up to 32)<br>- Optional analog input (up to 48) |
| 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 10ft                                                                                                                 |
| Enclosure                | NEMA4X rated                                                                                                                                    |
| Certifications           | ETL Listed to UL 2017                                        |
| Warranty                 | Two year limited warranty                                                                                                                       |

## Accessories

| Name                                | Model Number                        |
|-------------------------------------|-------------------------------------|
| Remote Driver / Remote Relay        | RD-24 / RR-24                       |
| Addressable Adapter (6 series only) | MRS-485                             |
| Notification Series                 | Horn/Strobe, Strobe Only, Horn Only |
| Power Supply                        | MAC6AMP-4, MAC10AMP-4               |



Notification Series



Addressable Adapter

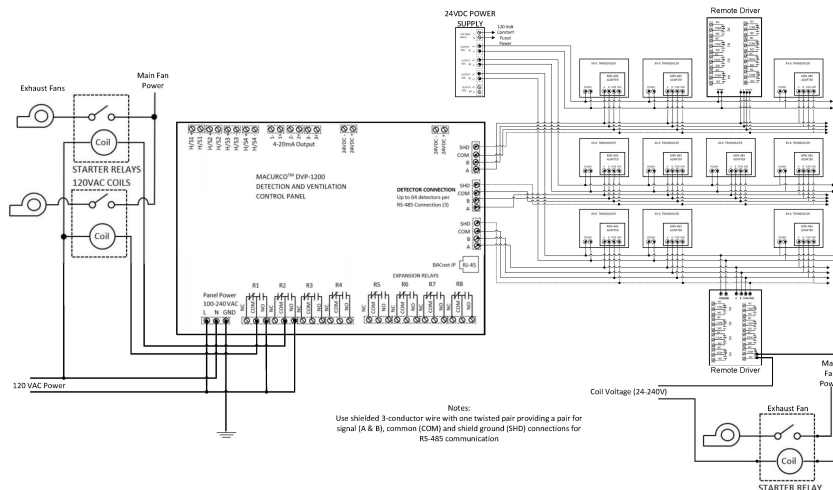


Remote Driver



Power Supply

## Wiring Diagram



**MacURCO**  
GAS DETECTION

Since 1972 Macurco has been providing gas detection solutions for various applications. Macurco provides the highest quality gas detection solutions to customers worldwide.

**ISO 9001:2015**  
**CERTIFIED**

### Macurco Gas Detection

1504 W. 51st Street  
Sioux Falls, SD 57105

**Phone:** 1-877-367-7891

**Website:** [www.macurco.com](http://www.macurco.com)

**Email:** [info@macurco.com](mailto:info@macurco.com)