

THE ADDRESSABLE CONTROL PANEL YOU CAN CONFIGURE TO SUIT YOUR REQUIREMENTS: 16, 64 OR 128 CHANNELS.

Crowcon's new range of addressable and 4-20mA analogue control panels is modular, flexible and easy to configure and use.

They can be configured directly via the integrated keypad, or remotely by computer via an Ethernet connection.

To view the web page, the user just needs to know the IP address or name of the control panel (see network settings). Once logged into the portal, there are two security levels: one to view and one to edit data.

The colour LCD screen displays the devices and any alarms simultaneously so all channels can be viewed in real time.

Three versions are available depending on customer requirements, significantly reducing installation cost and complexity.

GM16: 16 channels

GM64: 64 channels

GM128: 128 channels (2 GM64 control panels paired together)

Available as 19" rack-mounted, with enclosure options for GM16 and GM64.



SPECIFICATIONS

- Modular: choose between 16, 64 or 128 channels
- Configurable: name the controller, group the channels into zones, configure alarm setpoints and relays
- Addressable
- View and configure features remotely via an internet browser
- 4-20mA analogue and Modbus RS-485 communications as standard (HART compatible)

FEATURES

INPUT & OUTPUT SPECIFICATIONS

Inputs: Configure via a PC or directly via the keypad
Outputs: 4-20mA, Modbus RTU, RJ45 (HART possible)

ALARMS

- Advanced display and alarm management features
- Three programmable standard alarms (ON and OFF, Alarm Acknowledge, dedicated horn and fault relays)
- Screen can be forced to display the main data view or the zone for which an alarm has been triggered
- Each channel can be configured individually for up to three alarm levels
- Relay command can be defined for alarm status
- Five standard 5A SPDT relays (by default): one warning/horn relay, one fault relay and three programmable alarm relays (voting possible)
- Discrete and programmable relays (optional)
- All relays are rated at 5A for 28V DC and ~250V AC resistive loads

TECHNICAL DATA

Small enclosure	
Size	16.0 x 13.2 x 8.5 in. (40.6 x 33.4 x 21.5 cm)
Weight	17 lbs (7.7 Kg)
Large enclosure	
Size	24.1 x 27.1 x 9.5 in. (61.2 x 68.7 x 24.1 cm)
Weight	25 Kg (55lbs)
Protection Class	NEMA 4X
Inlet and Outlet Cable	M 20
Display	LCD color screen
Electrical output	4-20mA 2 wire current sink 4-20mA 3 wire current source RS-485 Modbus RTU Relays 5 Amp 30 Volt RJ45 network connection
Operating temperature	-4 to +122°F (-20 to + 50°C)
Humidity	0-90% RH, non-condensing
Power supply	Typical power use without detector heads is 20 to 50 Watts
Consumption	5 A-30 W

Approvals

May be used in a non-hazardous area as part of an intrinsically safe system	
EMC compliance	CE marked
Warranty	12 months

GAMME DE DÉTECTEURS ASSOCIÉS :



Xgard

Xgard Bright

IRmax

XgardIQ

Les applications : Traitement des eaux, Tunnels, Agroalimentaire, Industrie Pharmaceutique, Chimie, Micro-électronique, Industrie du froid, Hôpitaux