Be in control of your controller

System configuration	Ability to name the controller
	Create up to eight zones which can be named
	Choose how many channels are displayed simultaneously
Channel configurations	Choose alarm setpoints
	Select data each channel displays
Relay configurations	Set value for high and lows trips for each relay
	Choose colour for set trip value
	Set delays to each relay option
Copy channel	Copy and Paste an already configured channel to a new channel to save time for multiple identical channel configurations
Configuration upload / download	Set up configuration remotely via device and download onto SD card
	Inserting SD card into controller will automatically upload saved configuration

Specification

Small enclosure	Enclosure material	Fibreglass
	Dimensions	406.4 x 334.3 x 215.9mm (16.00 x 13.16 x 8.50 ins)
	Weight	7.7 Kg (17 lbs)
	Ingress Protection	NEMA 4X
Large enclosure	Enclosure material	Fibreglass
	Dimensions	612.4 x 687.3 x 241.6mm (24.11 x 27.06 x 9.51 ins)
	Weight	25 Kg (55lbs)
	Ingress Protection	NEMA 4X
Rack	19 inch rack mount option also available	
Power	Typical power use without detector heads is 20 to 50 Watts	
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	-20°C to + 50°C	
Humidity	0 to 90% non-condensing	
Repeatability and drift	Digital channels – no controller variability Analog channels – <1% FSD change over a 1 year period	
Approvals	May be used in a non-hazardous area as part of an intrinsically safe system	
EMC compliance	CE marked	

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GM16
GM64
GM128

Addressable Controller Range

Multiple channel capacity options (16 / 64 / 128)

Customisable controller configuration

Addressable capability

Full functionality and remote visibility of controller via internet browser

Addressable Controllers

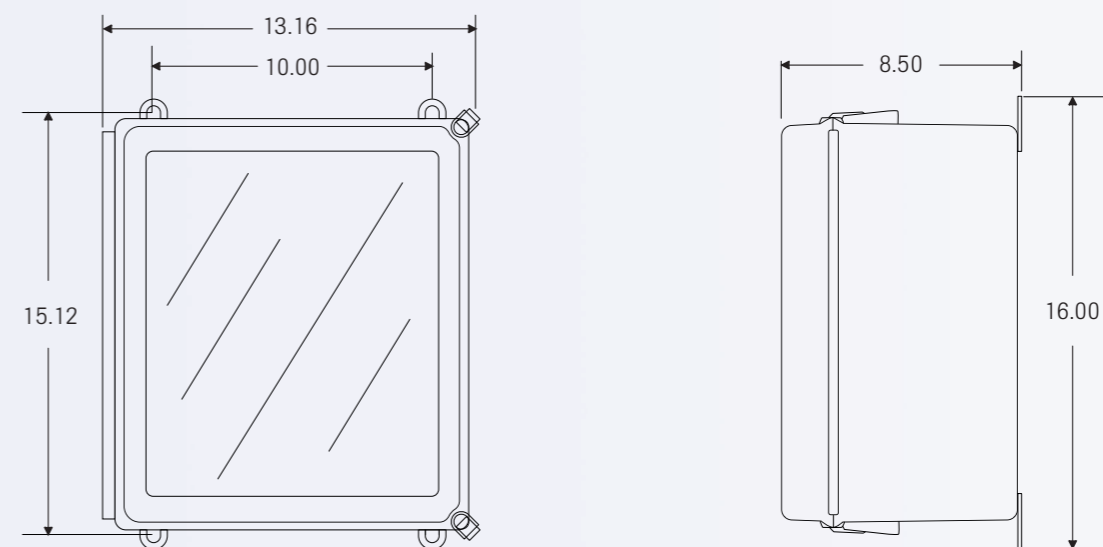## 3 Addressable Digital and 4-20ma Analog Controller Introductions

GM16 – 16 channel addressable controller

GM64 – 64 channel addressable controller

GM128 – 128 channel (2 x GM64 addressable controllers paired together)

Crowcon's new range of addressable digital and 4-20ma analog controllers are modular, flexible, easy to configure and user friendly.
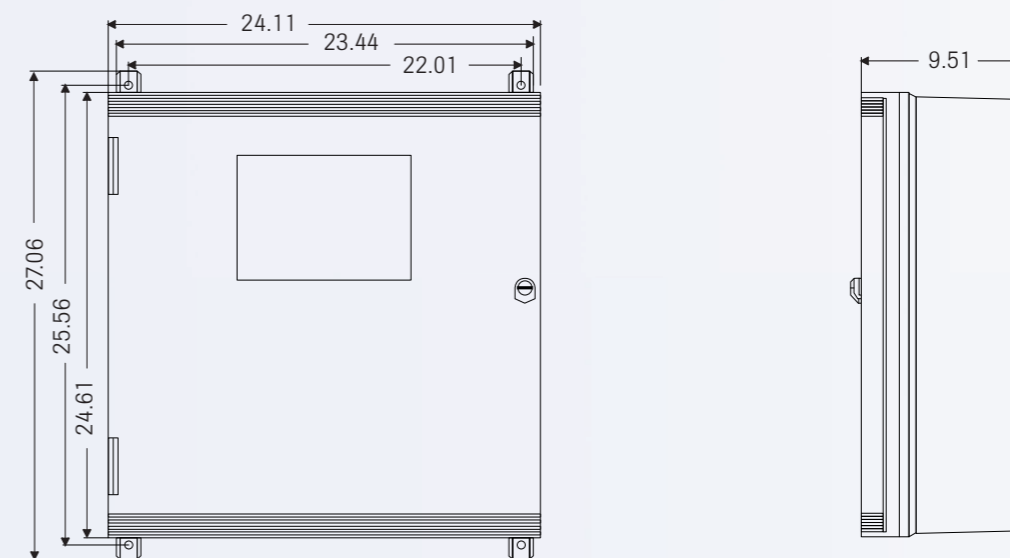
Simultaneous channel and alarm display via colour LCD screen for complete visibility and control over all live channels in system setup directly from non-intrusive controller display panel or remotely with direct to webpage live feed communication functionality on any device with internet access.
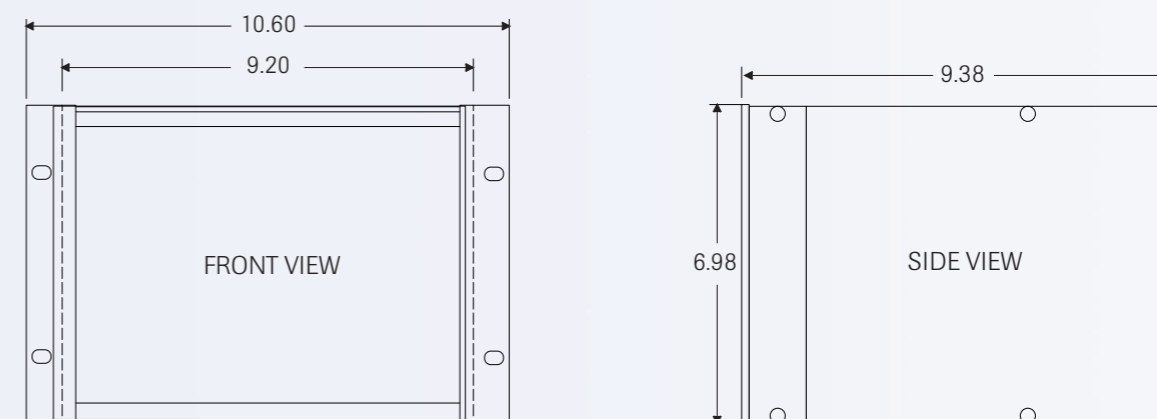
Features

Modular design build	Select how controller is configured
	Choose the configuration for your application: Select how may channel inputs are required
	Channel input communication type (MA, MV or Addressable): Select how many relay outputs are required
	Reduce complexity and cost by only including what is required for your application
Multiple display options	Display all active channels on the same screen
	Ability to combine channels into zones and view up to 8 zones simultaneously on one screen
	Trends screens allows view of last 24 hours or last 30-minute gas readings (current, max, min and average)
Multiple communications	4-20mA analog, RS-485 MODBUS and HART enabled communications as standard

Small enclosure

13.16
10.00
15.12
8.50
16.00

Large enclosure

24.11
23.44
22.01
27.06
25.56
24.61
9.51

Rack mounting

10.60
9.20
FRONT VIEW
9.38
6.98
SIDE VIEW

*All dimensions are in inches