

## Vigilon Compact

Vigilon Compact 1-2 loop panel offers small to medium sized building owners the unique system functionality of Vigilon with the very best in control panel aesthetics.



### Description

Vigilon Compact analogue addressable panels fully comply with EN54 parts 2 and 4 and can be specified with 1 or 2 detection loops, each capable of accommodating 200 devices comprising of repeat panels, interfaces, manual call points, sensors and sounders.

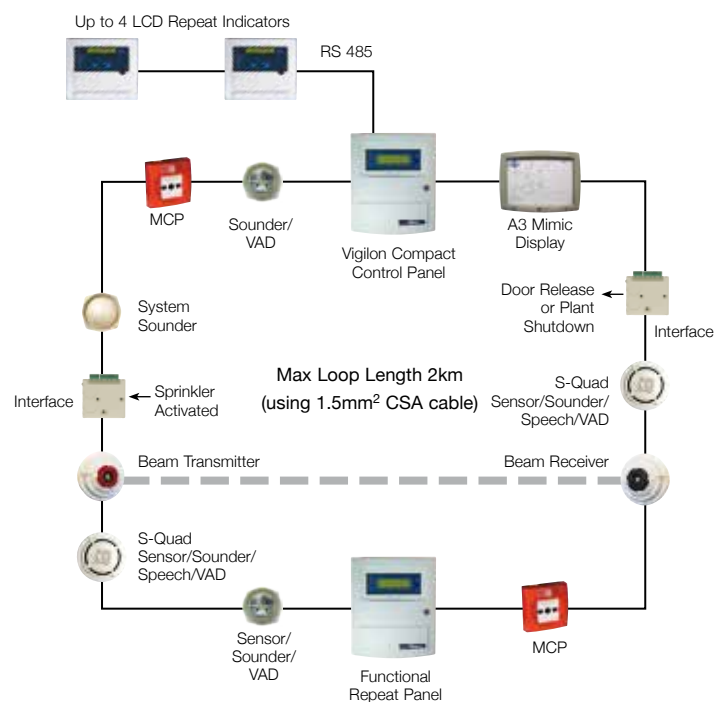
It's capable of being included in multi-panel networks with other compact panels and alongside the 4 and 6 loop Vigilon control panels.

Vigilon Compact offers the familiar advantages of combined sensor-sounders and loop powered beam detection with integral short circuit isolators fitted into every loop device

The panel is fully compatible with Gent's innovative S-Quad multi-sensor technology which combines speech, sounder and visual alarm in one device.

It's also compatible with Gent's S-Cubed alarm devices offering loop powered, integrated sound, speech and a fully certified EN54-23 class leading visual alarm.

### Schematic of Vigilon Compact Architecture



Loop length up to 2.5km supported with 2.5mm<sup>2</sup> CSA cable.

All VADs are loop powered and certified to EN54-23.

Repeat Panels and Mimics require external power supply.

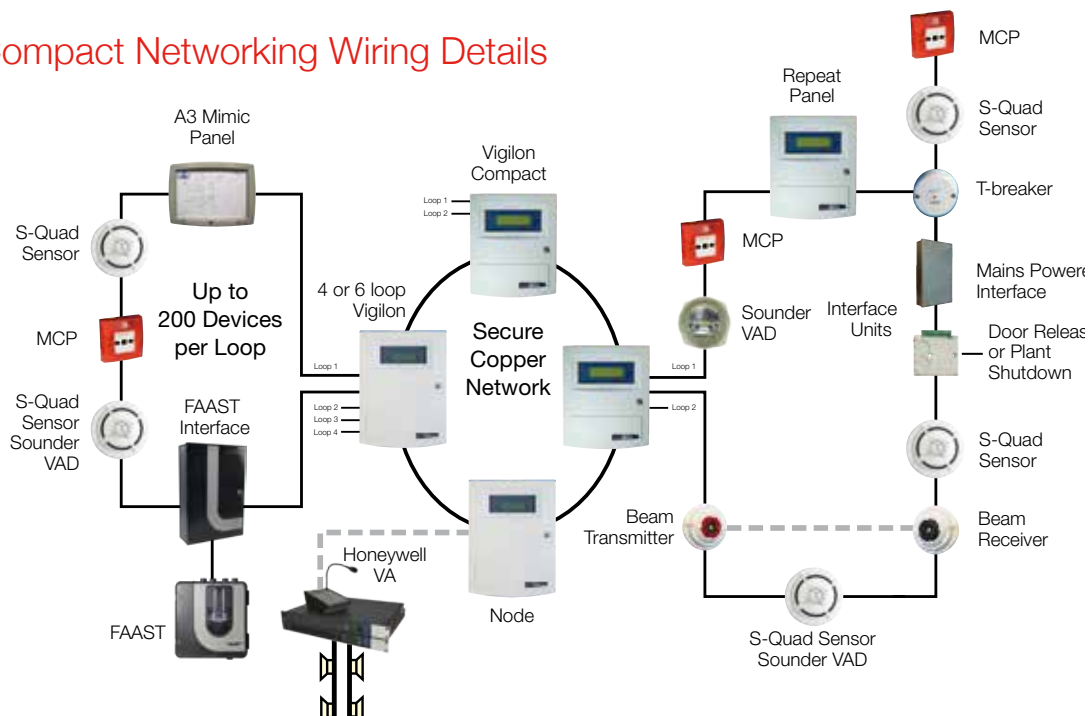
## Key Features

- Advanced loop card technology supporting 2km loop with standard 1.5mm<sup>2</sup> cable (increases to 2.5km with 2.5mm<sup>2</sup> cable)
- Vigilon Compact is a 1 to 2 loop panel which manages up to 200 devices per loop
- High capacity for loop powered alarm devices with up to 800mA alarm load or 100 integrated sensor sounder and visual alarm devices
- PC based commissioning tools allow complex fire plans to be configured
- Zonal LED indication on every panel provides compliance with BS 5839 Part 1: 2002
- Serial communication ports allow connectivity to paging and BMS systems with no additional interface hardware
- The control panel has a simple user interface with LCD screen providing accurate information in an emergency
- Multiple panel networks can be programmed seamlessly as one system, allowing for flexible design and system management
- Flexible programming options are available at the panel
- Stainless steel door option available that provides a discreet and luxurious feel to buildings demanding a highly aesthetic look

### CONTROL PANEL SPECIFICATION

Max Number of Loops	2
Loop Capacity	200 Devices per loop, Alarm load 800mA per loop (max across both loops 1.4A)
Networking Capacity	Up to 31 panels in a single domain (multiple domains can extend a network up to 200 panels)
Ingress Protection	IP31
Approx Weight	16.6 Kg (including batteries)
Operating Temperature	0°C to +45°C
Relevant Standards	EN54 Parts 2 & 4
Batteries	2 x 12V @ 12Ah
Battery Standby	24 Hours + 30 minutes alarm (Dependant on device loading – please use the battery standby calculator to confirm actual standby)
Supply Voltage	216V – 253V 50Hz
Power Consumption	140 W
Aux DC supply	24V 200 mA (must be considered when calculating battery standby)
Cable Entry	Top and rear
Dimensions (mm)	403 (H) x 338 (W) x 101 (D)
Auxiliary Contacts	Programmable to activate on Fire, Fault or Disablement. (1 x SPCO 1 x DPCO)
Sounder Circuits	2 circuits @ 250mA each
Monitored input	1 input which is programmable to perform a logical action via a command build
Communication ports	1 x RS485 } selectable 2 x RS232 } functions
Approvals	Certified to EN54 Parts 2 & 4

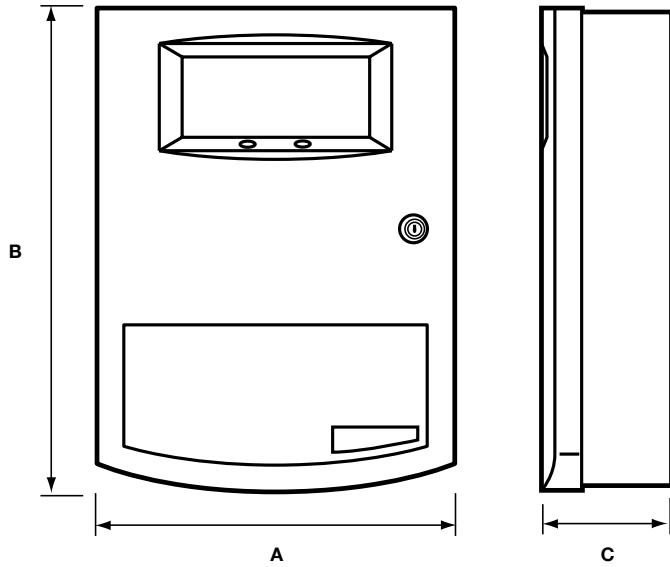
## Vigilon Compact Networking Wiring Details



# GENT

by Honeywell

## Dimensions



	A	B	C
Control Panel	338	403	101

DESCRIPTION	ORDER CODES
Control Panel	COMPACT-24-N
Network Card	COMPACT-NC
Flush Fixing Frame	COMPACT-FLUSH
Additional Loop Card	COMPACT-LPC-EN
STAINLESS STEEL OPTIONS	
Stainless Steel Door	VIG-RPT-DOOR-SS
Stainless Steel Flush Frame	COMPACT-FLUSH-SS