Vigilon Compact Analogue Addressable Fire Detection & Alarm System

VIGILON COMPACT FEATURES & BENEFITS

Keep it Simple

All Vigilon devices connect onto the same 2 core loop. No separate sounder or repeater panel circuits are required.

Save on Cable Costs

Cable runs are shorter. 2 core costs less than 4 core. Overall cable costs are normally 30% less than other systems.

Customise your Fire Plans

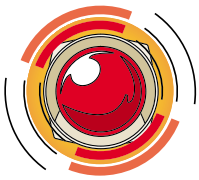
Evacuating public areas or production lines is disruptive and costly. Vigilon's powerful software gives you flexibility. Areas throughout the building can be sectored to evacuate, alert, or configured with pre-set delays.

Match Sensors to the Risk

Vigilon sensors have a wide range of sensitivities. Configuring the sensor is one of the most effective ways of reducing false alarms.

Combine Sensors and Sounders

Vigilon's combined sensor sounders reduce hassle and save cost. Integral sounders are ideal for boosting sound levels without additional wiring.



Loop Powered Sounder/Strobe

Loop powered sounder/strobes saves on cabling and interface costs.

Reduce Ongoing Costs

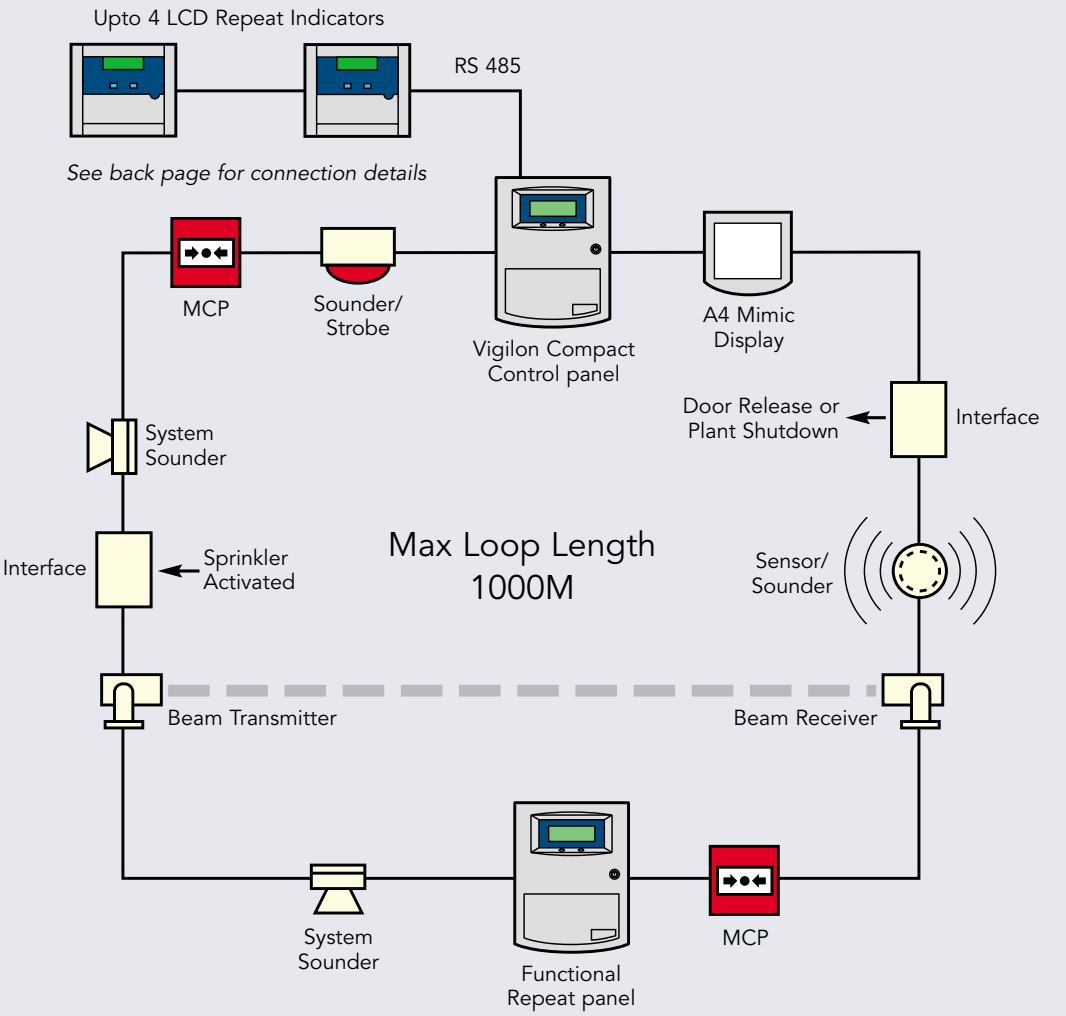
All sensors require regular cleaning from airborne contamination. Often the complete sensor will need replacing. Gent are the only manufacturer with disposable chamber elements to save maintenance costs.

Clear Information

64 character display means the user is not limited in describing the position or nature of an emergency. A clear backlit LCD display reduces confusion and speeds response.

ANALOGUE FIRE DETECTION

VIGILON COMPACT ARCHITECTURE



GENT

VIGILON COMPACT SYSTEM

Introducing Vigilon Compact the latest addition to the well respected Gent Vigilon family of Analogue Fire detection and alarm systems.

Vigilon Compact 1-2 loop panels offer small to medium sized building owners the unique system functionality of Vigilon with the very best in control panel aesthetics – stainless steel door options are available to provide a discreet and luxurious feel in upmarket office environments.

The introduction of innovative design features into this panel means that the wall space needed to mount the panel is now 60% smaller than a standard Vigilon installation.

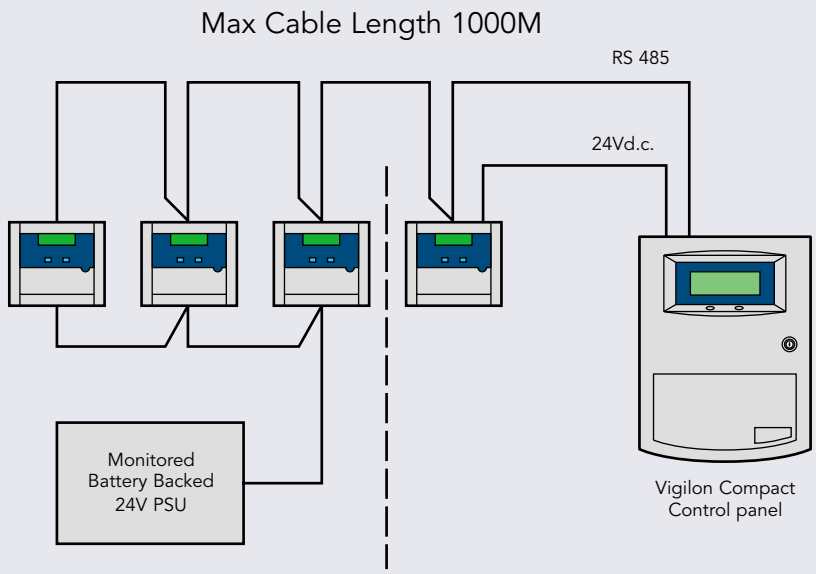
Vigilon Compact analogue addressable panels fully comply with EN54:Parts 2 & 4 and can be specified with 1 or 2 detection loops, each capable of accomodating 200 devices comprising of repeat panels, interfaces, manual call points, sensors and sounders.

Fully compatible with Gent's innovative new S-cubed alarm devices (offering sound, speech or strobe effects in combination), Vigilon Compact also offers the familiar advantages of combined sensor-sounders and loop powered beam detection with integral short circuit isolators fitted into every loop device.

Additional features

- Vigilon's powerful software allows the fire alarm system to be configured to meet the fire alarm needs of the building.
- Combining the proven reliability of the Vigilon range of sensors, true Analogue sensing false alarms are kept to a minimum.
- If alarm sound levels need increasing then simply replacing a sensor with a sensor/sounder can boost alarm sound levels saving costly additional wiring.

Wiring Details - LCD Repeat Panel (indication only)



One LCD repeat panel can be powered from the Control panel, additional repeat indicators must be powered from an additional power supply.

The communication link to the panel is monitored, so if power to the repeat indicators fails the fault will be reported at the Control panel.

ANALOGUE FIRE DETECTION

VIGILON COMPACT CONTROL PANEL

A one to two loop panel accommodating up to 200 devices per loop.

LCD display allows clear indication of fire or fault location.

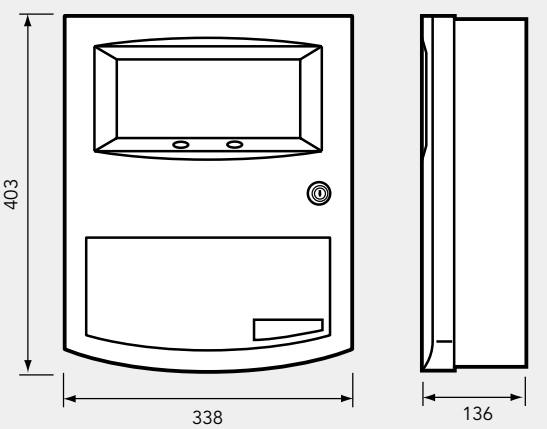
Site specific fire plans can be programmed to meet the evacuation needs of the building.

Vigilon Compact Control Panel

Technical Specification

Type	Control panel
Loop Capacity	200
Ingress Protection	IP31
Approx Weight	10 Kg
Operating Temperature	0°C – 40°C
Relevant Standards	EN54 Pt 2 & 4
Batteries	2 x 12V @ 12AH
Battery Standby	24 Hours + 30 minutes alarm
Supply Voltage	216V – 253V 50Hz
Power Consumption	140 W
Cable Entry	Top and rear knockins
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	2 x RS485, 1 x RS323 selectable functions
Approvals	LPCB Applied for

Dimensions (mm)



ORDER CODES

Control Panel	COMPACT-24
LCD Repeat panel	COMPACT-RPT
Flush fixing frame	COMPACT-FLUSH
Additional Loop card	COMPACT-LPC
Optical only sensor	COMPACT-O

Stainless Steel Options:

Stainless Steel door	VIG-RPT-DOOR-SS
Stainless steel flush frame	COMPACT-FLUSH-SS

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LCD REPEAT PANEL

Vigilon Compact Repeat Panel

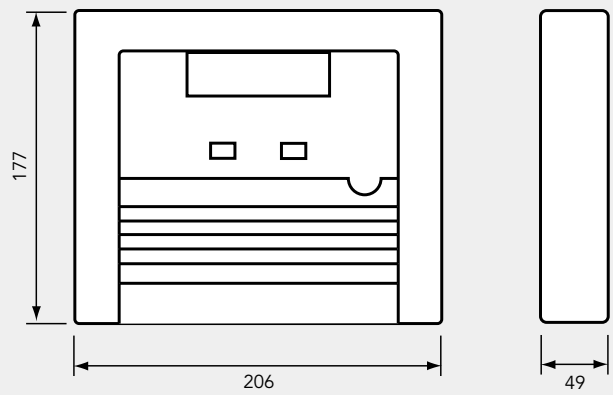
The LCD repeat panel indicates Fire, Fault and Disablement information either directly as events occur or by accessing the logs via dedicated keys.

A maximum of 4 Repeat Panels can be connected to a Vigilon Compact control panel.

Technical Specification

Type	LCD Repeat Panel (Indication Only)
Max No per Loops	N/A
Loop Capacity	N/A
Ingress Protection	IP31
Supply Voltage	21 – 30V DC
Power Consumption	Approx 30 mA
Approx Weight	0.75 Kg
Ambient Temperature	0°C – 50°C
Communication ports	1x RS485 to communicate with the main control panel
Cable Entry	Top and rear knockins
Approvals	N/A

Dimensions (mm)



ORDER CODES

LCD Repeat panel	COMPACT-RPT

Vigilon Analogue Addressable Fire Detection & Alarm System

VIGILON FEATURES & BENEFITS

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Save on Cable Costs

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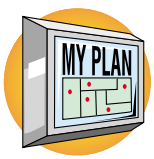
Create Seamless Networks

Connect up to 50 panels together and retain control on large or complex sites. Also, new buildings or extensions are easily accommodated onto the existing system.



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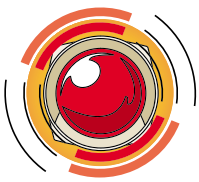

Loop Powered Sounder/Strobe

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Clear Information

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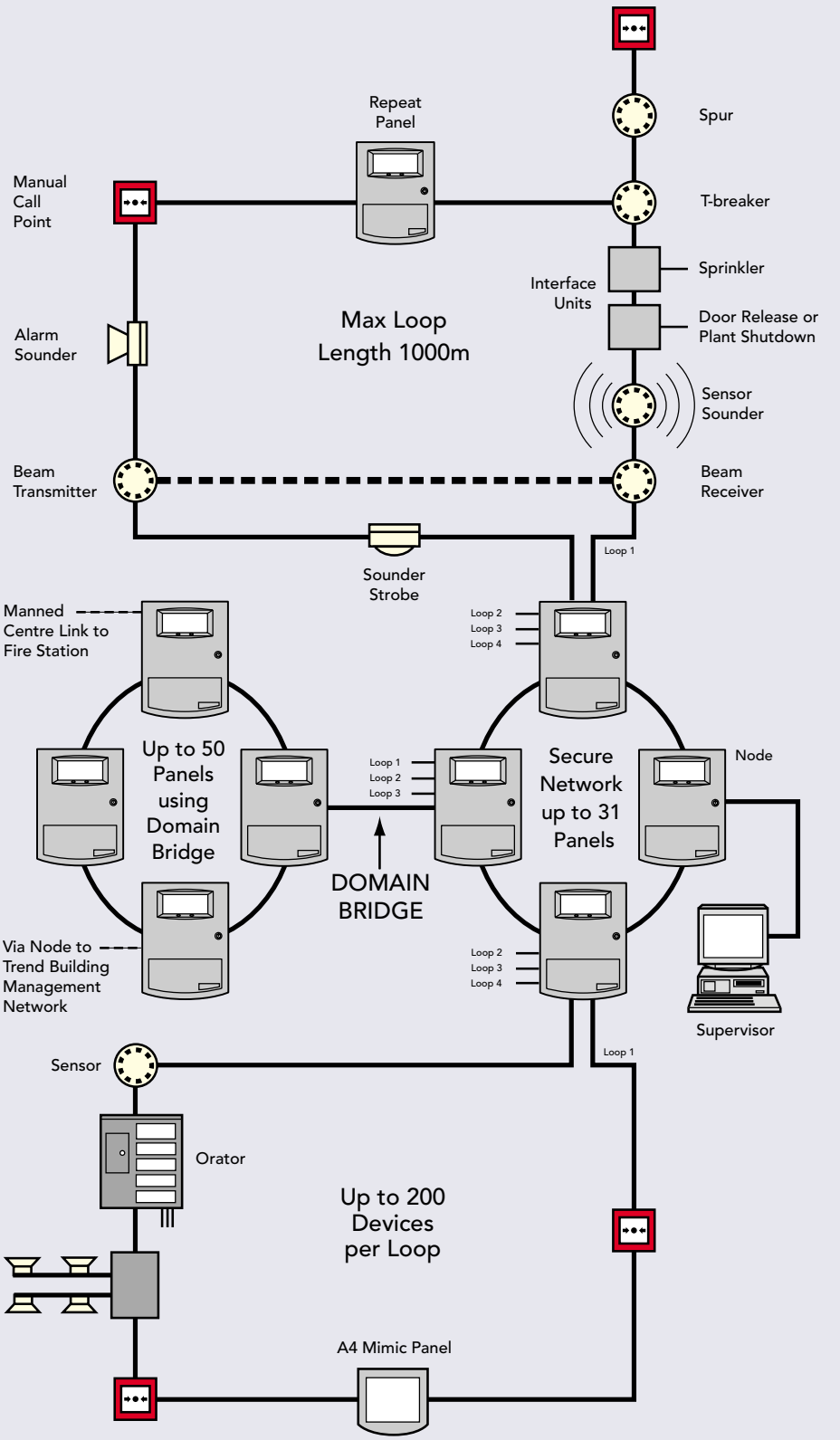
Integrated Voice and Graphics Systems

Vigilon may be integrated with Gent Orator voice evacuation system. Or connected to Supervisor, a graphic display for single point control and monitoring.

ANALOGUE FIRE DETECTION

SYSTEM ARCHITECTURE



Vigilon architecture is extremely flexible, from single loop panels up to 50 panels in a system (Maximum number of 31 panels per secure network).

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VIGILON SYSTEM

The feature-packed Vigilon Analogue Addressable Fire Detection and Alarm System is the successor to the company's top-end System 3400 which has been the undisputed market leader for the past decade.

Vigilon offers new market standards in system flexibility and control panel aesthetics, along with a degree of system sophistication that has never previously been available. It incorporates a host of features designed to make it the simplest system to install, configure and use.

1-4 loop panels can accommodate up to 200 devices including, repeats, interfaces, call points, sensors and sounders on each loop.

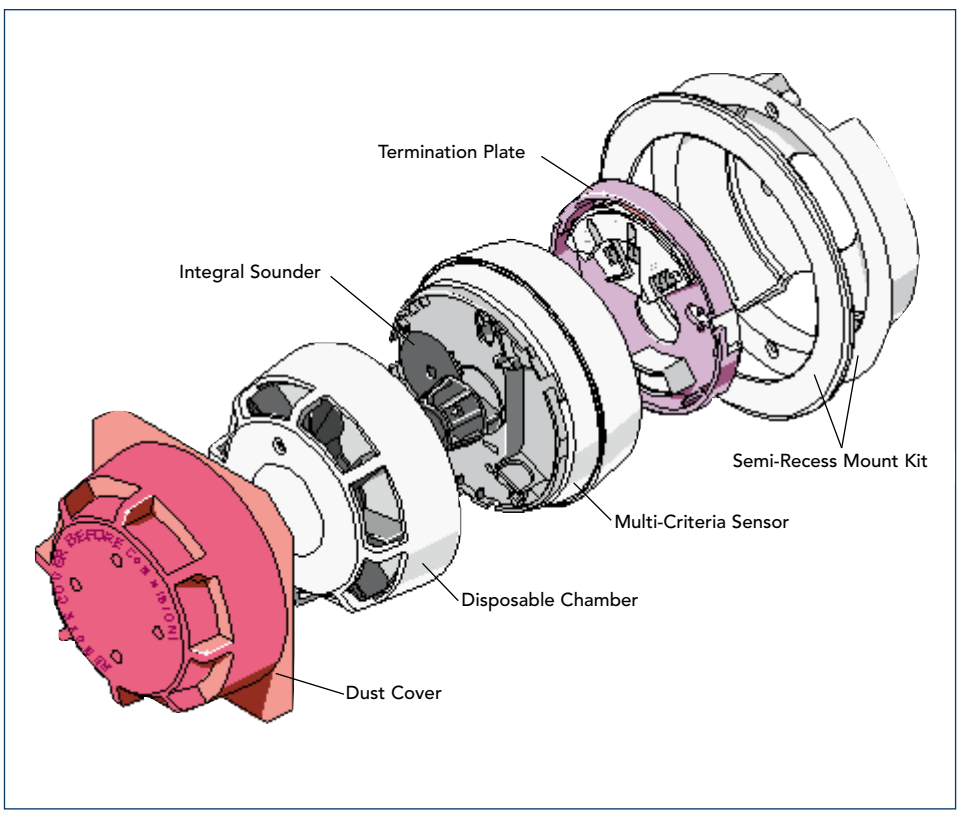
Vigilon also represents an entirely new concept in control panel displays. It has an innovative 16-line by 40-character display and a keyboard that is simple to use.

As well as providing the user with clear comprehensive information in the event of a fire, Vigilon additionally provides an entire historic log of the system's management information. Should a system fault occur a detailed explanation is shown and the user can at any time navigate through the faults history.

Vigilon control panels, repeat and mimic panels can be used to replace System 3400 panels, and the Vigilon system can be used to extend an existing System 3400 installation. It employs the same proven wiring architecture as System 3400, sharing its ability to offer building occupiers unrivalled performance, free from disruptive and costly false alarms.

Vigilon incorporates a range of multi-criteria sensors which contain various sensing elements and have a unique disposable chamber that simplifies and reduces the cost of maintenance.

These are just a few of the features of Vigilon, read on and learn more about this leader in the protection of life and property from fire.



Exploded illustration of a Vigilon sensor to show the unique components.

ANALOGUE FIRE DETECTION

VIGILON CONTROL PANEL

A one to four loop panel accommodating up to 200 devices per loop. Up to 31 panels may be connected in a secure network.

LCD display allows clear indication of fire or fault location.

Site specific fire plans can be programmed to meet the evacuation needs of the building.

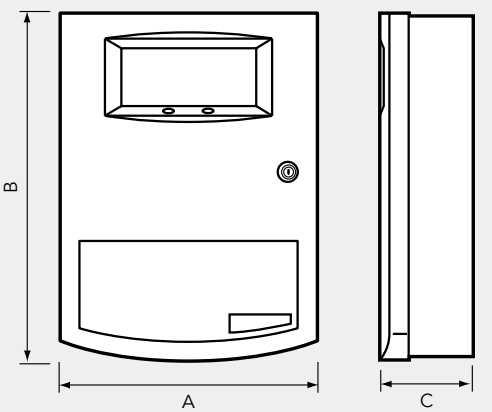
Vigilon Control Panel

Technical Specification

Type	Control panel
Max No of Loops	4
Loop Capacity	200
Batteries	4 x 12V @ 12AH
Battery Standby	24 hours standby + 30 minutes alarm upgradeable to 72 hours
Approx Weight	16.2 Kg
Ambient Temperature	0°C to 45°C
Relevant Standard	BS 5839: Part 4 + EN54 Part 2 + 4
Cable Entry	Top and rear knockins
Approvals	LPC approval to BS 5839: Part 4

	A	B	C
Control Panel	408	539	151
Battery Box	382	309	112

Dimensions (mm)



ORDER CODES

EN 54 Control Panels
(For BS 5839 versions add the suffix -V3+ e.g. VIG1-NET-V3+)

1 Loop	VIG1
2 Loop	VIG2
3 Loop	VIG3
4 Loop	VIG4
1 Loop, Networkable	VIG1-NET
2 Loop, Networkable	VIG2-NET
3 Loop, Networkable	VIG3-NET
4 Loop, Networkable	VIG4-NET

Note: Control panels require a first fix, VIG-1ST-FIX

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REPEAT PANEL

Vigilon Repeat Panel

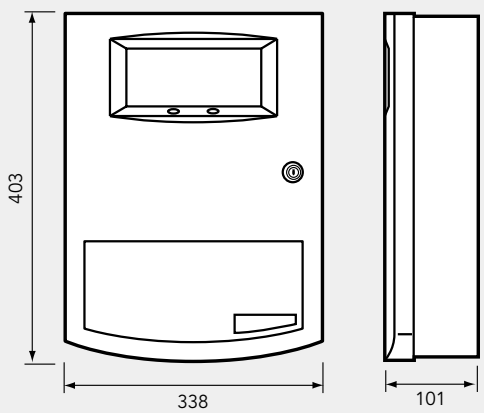
A repeat panel repeats all information provided to the main control panel and provides mains control functions.

The repeat panel is connected directly to the loop but requires a mains supply to run its battery backed power supply.

Technical Specification

Type	Repeat panel
Max No per Loops	32
Loop Capacity	N/A
Batteries	1 x 12V @ 6AH
Battery Standby	24 hours standby + 30 minutes alarm upgradeable to 72 hours
Approx Weight	6.2 Kg
Ambient Temperature	0°C to 45°C
Relevant Standard	BS 5839: Part 4 + EN54 Part 2 + 4
Cable Entry	Top and rear knockins
Approvals	LPC approval to BS 5839: Part 4

Dimensions (mm)



ORDER CODES

Repeat Panel	VIG-RPT
NOTE: Repeat panels require a first fix	VIG-RPT-1ST-FIX

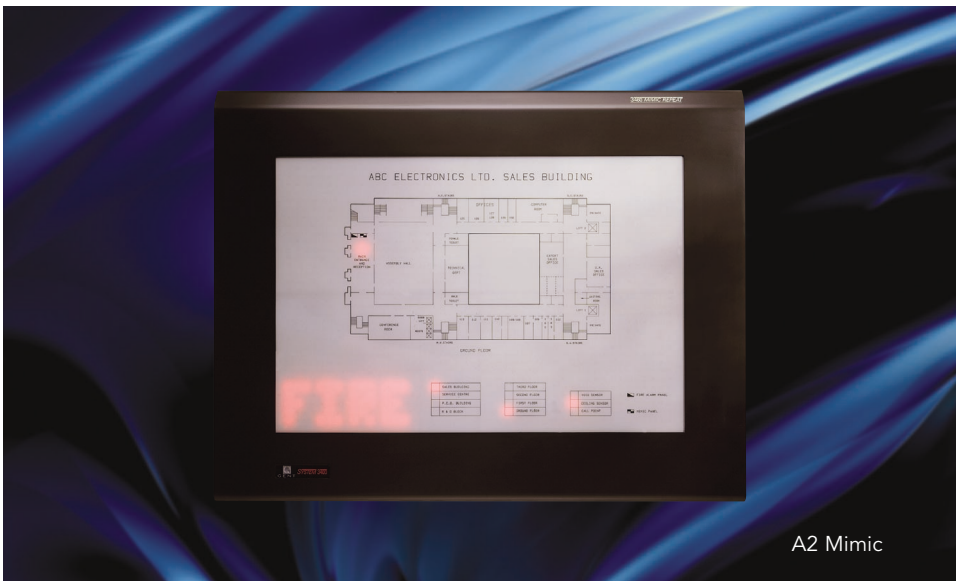
MIMIC PANELS

The A2 and A4 Mimic Panels provide a pictorial representation of the building's layout allowing extremely quick indication of fire location. The mimic panels consist of an array of programmable LED's onto which a CAD drawing of the site is overlaid.

Alternatively a zonal overlay kit may be used.

Overlays are easily updated if site details alter.

A4 mimic display



A2 Mimic

Technical Specification

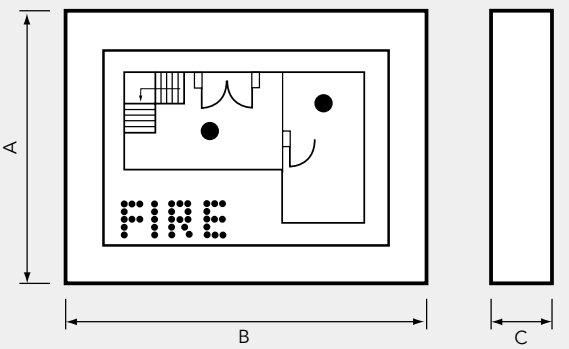
Type	A2 Mimic	A4 Mimic
Max Quantity per Loop	32	32
Batteries	12V @ 6AH	12V @ 6AH
Battery Standby	24 hours or 72 hours (requires 2 x 12V 6Ah batteries)	
Approx Weight	18 Kg	Display 2.3 Kg, Control panel 10.4 Kg
Ambient Temperature	0°C to 45°C	
Relevant Standard	BS 5839: Part 4 + EN54: Part 2 + 4	
Cable Entry	Top conduit knockins	Rear
Load Factor	3	3

ORDER CODES

A4 Mimic Panel	VIG-MIM-A4
A4 Zonal Mimic	VIG-ZONE-A4
A2 Mimic Panel	VIG-MIM
A2 Zonal Mimic	VIG-ZONE

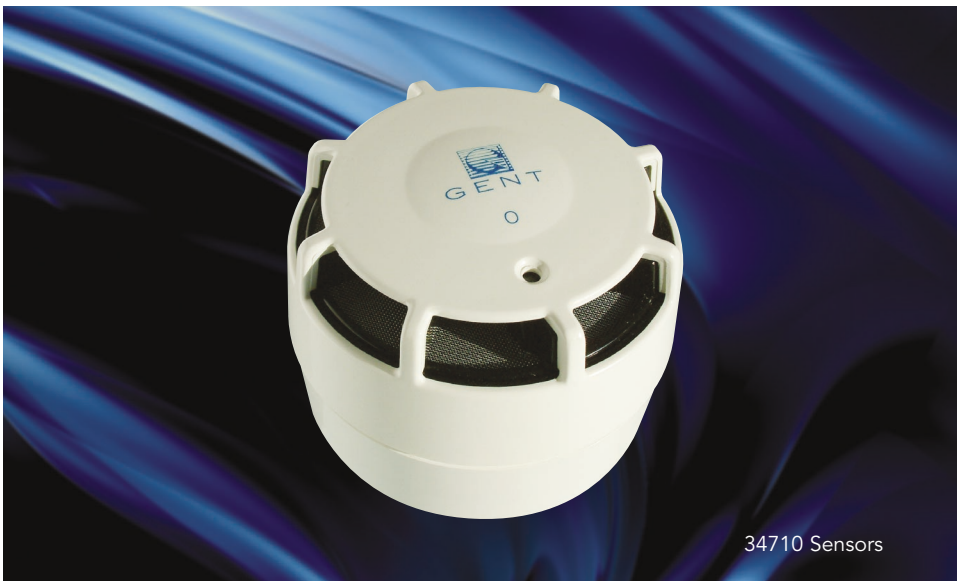
	A	B	C
A2 Mimic	650	830	90
A4 Mimic Display	276	330	73

Dimensions (mm)



GENT

SENSORS



34710 Sensors

Vigilon has a range of low profile addressable devices to suit different applications.

Heat Sensor - for steamy and dusty environments e.g. boiler rooms kitchens and laundries.

Optical/Heat - detects smoke from a slow burning fire and/or heat from an intense fire producing little smoke.

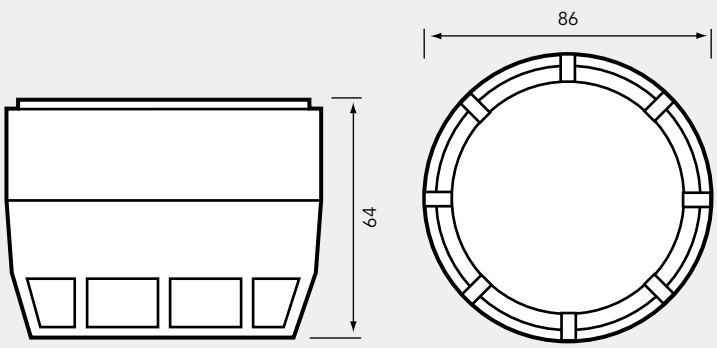
Technical Specification

Type	Heat	Optical/Heat
Max Quantity per Loop	200	200
Approx Weight	0.175 Kg	0.175 Kg
Ingress Protection	IP42	IP20
Relevant Standard	BS 5445: Parts 5 & 7	
Ambient Temperature	0°C to 45°C	0°C to 50°C (If heat used 0° to 45°C)
Device Load Factor	1	1
Approvals	LPCB	

Note: All Vigilon sensors require a terminal plate, 34700

All sensors (except beam) are supplied with a dust cover to prevent contamination during installation.

Dimensions (mm)



ORDER CODES

Heat	34720
Optical / Heat	34710

GENT

ANALOGUE FIRE DETECTION

BEAM SENSORS

Beam sensors are suitable for large open areas where installation of single point detectors may be difficult or uneconomical.

These detectors come in pairs, one of which emits an infra-red beam, detected by the other unit. If the beam is broken by smoke, the sensor is triggered.

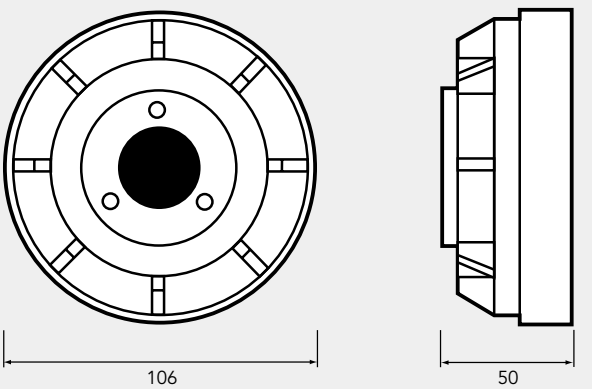
This model employs 'True' Analogue detection techniques whereby other interruptions, caused by people or shadows, will be discounted.

34740 Beam Sensor (Pair)

Technical Specification

Max. Quantity per Loop	16 pairs
Approx Weight	0.6Kg per pair
Ingress Protection	IP42
Ambient Temperature	0°C to 50°C
Relevant Standards	BS 5839: Part 5
Beam Length	2 - 100m
Mounting Height	25 - 40m
Device Load Factor	5
Approvals	LPCB

Dimensions (mm)



ORDER CODES

Beam Sensor (Pair)	34740
Brackets required (2 per pair)	
Angle bracket	34741-01
Angle bracket IP55	34741-90
Parallel bracket	34741-03

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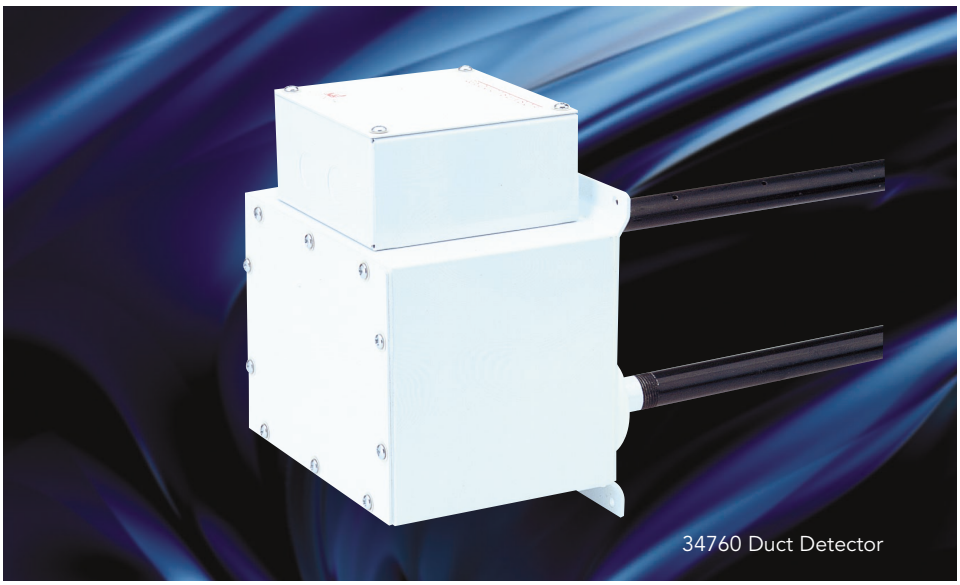
DUCT SMOKE SENSORS


34760 Duct Detector

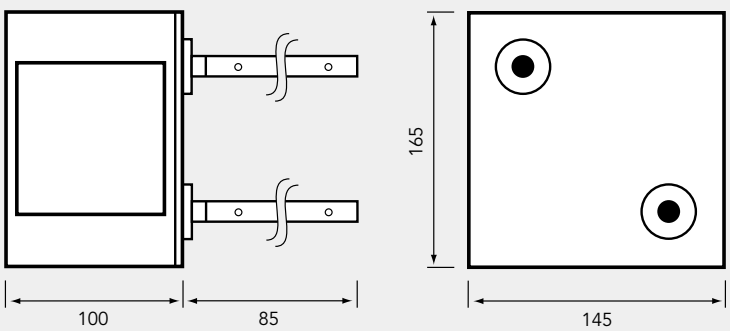
An optical smoke sensor specifically designed for use in ventilation ducting. Two 20mm probes sample the air in the duct for smoke. Detector housing is mounted externally to the duct. This device can trigger the shut-down of an air-conditioning or ventilation plant to prevent the spread of smoke.

A slave LED is included with the device.

Technical Specification

Type	Duct smoke detector
Max Quantity per Loop	200 (50 if slave LEDs used)
Approx Weight	4.6 Kg
Ambient Temperature	0°C to 55°C
Ingress Protection	IP55
Relevant Standard	N/A
Duct Air Velocity	1 to 10 m/sc
Device Load Factor	2 (1 for slave LEDs)

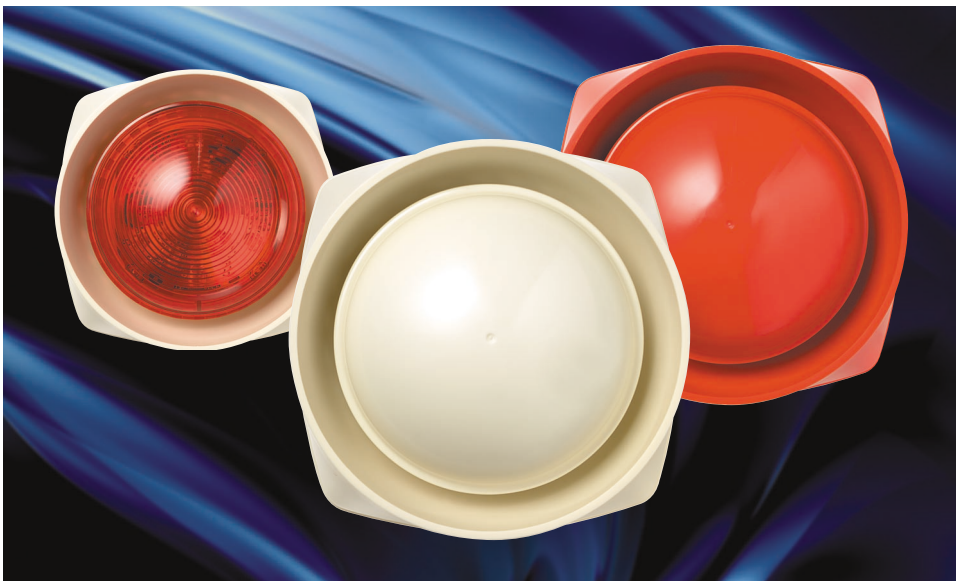
Dimensions (mm)



ORDER CODES

Duct Detector c/w slave LED	34760

S³ ALARM DEVICES



- Very low power consumption means more sounders per loop e.g 200 system sounders per loop compared to 40
- The strobe option is equivalent to a standard 3w xenon strobe and uses 1/20th of the power
- The strobe element of the sounders is fully monitored for circuit failures
- The sounder tones are programmed in exactly the same way as the existing Vigilon sounders
- Loop powered voice enhanced sounders are available in the range
- 4 voice phrases and a bell sound are available as standard
- By using the bell sound in the voice sounder it is possible to have a loop powered bell
- The sound producing element in the voice sounders is monitored every hour using a VLF tone
- Voice and Tone mode can be freely mixed within the same sounder
- All messages and strobe signals are synchronised across loops in the same control panel
- A backwards compatible version of the system sounder is available for replacement or expansion to existing systems, avoiding the need to upgrade panel software
- The HandiLink remote control makes it much easier to adjust the sounders in situ
- Products incorporate innovative design features for which multiple patents are pending

The S-cubed range of alarm sounders incorporate sound speech and strobe effects all in one range of alarm devices. The range offers all variants in the choice of 2 colours red or white with either a shallow base version sealed to IP31 or a deep base version sealed to IP65. All the low profile sounders have the option of an integral strobe which is completely loop powered.

With the introduction of voice enhanced sounders into the Vigilon range we now have the option of having a S-cubed loop powered bell sound for the first time as well as standard speech messages.

As an aid to commissioning there is the option to use the HandiLink IR remote control to turn on individual sounders and adjust the volume remotely. This means physical access is not required to make this adjustment and is only active during the commissioning process. Password access at the control panel is required to enable this feature so it is not possible to make this adjustment accidentally or maliciously.

Technical Specification - 1.0 Tone and Voice Sounders

Type	System Sounder			Low Profile		
	Standard Tone	Voice Enhanced	Inc Bell Sound	Standard Tone	Voice Enhanced	Inc Bell Sound
Max Quantity per Loop	200	200	70	200	200	70
Device Load Factor	5	5	13	5	5	13
Ingress Protection	IP65C with Deep Base			IP31C with Shallow Base		
Approx Weight	0.3Kg	0.3Kg		0.3Kg	0.3Kg	
Operating Temperature	-10°C to 50°C	-10°C to 50°C		-10°C to 50°C	-10°C to 50°C	
Relevant Standards (Sounder only)	EN54: Pt 3	EN54: Pt 3		EN54: Pt 3	EN54: Pt 3	
Sound Output at 1m	103 dBA ± 2dBA	103 dBA ± 2dBA		100 dBA ± 2dBA	100 dBA ± 2dBA	
IR Control Operating Distance	3m	3m		3m	3m	
Approvals		LPCB Applied for				

Standard Voice Messages

1) Alert Message (female voice)
"An incident has been reported in the building, please await further instructions"

2) Alarm Message 1 (female voice)
"Attention please, this is an emergency please leave the building by the nearest available exit"

3) Alarm Message 2 (male voice)
"This is a fire alarm! Please leave the building immediately by the nearest available exit"

4) Test Message (female Voice)
"This is a test message, no action is required"

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S3 ALARM DEVICES

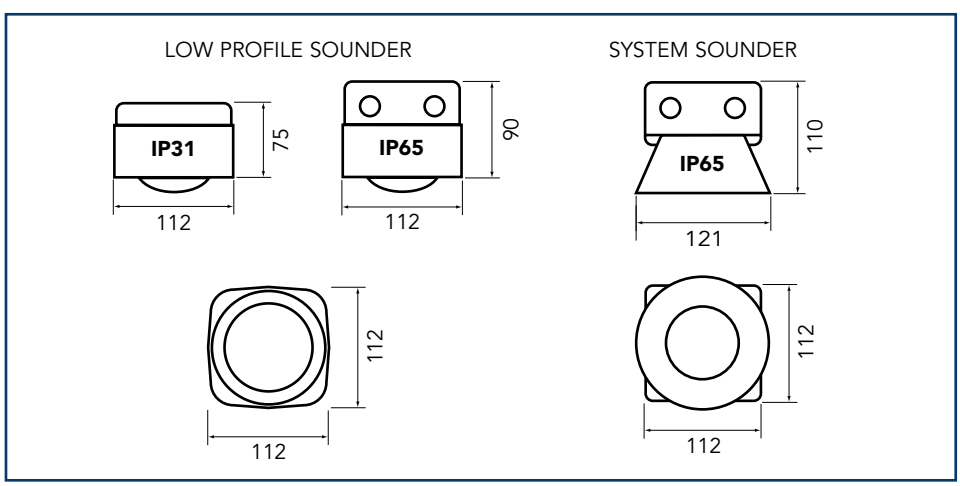
With the remote control individual sounders can be turned on and the sounder volume adjusted remotely from up to 3m away. To maintain system security this feature is password protected at the control panel.

Technical Specification - 1.1 Tone and Voice Sounders with Strobe

Type	Sounder/Strobe		Voice Enhanced Sounder/Strobe			Strobe Only	
	Strobe Colour		Strobe Colour			Strobe Colour	
	Red or Amber	White	Red or Amber	Inc Bell Tone	White with & without bell tone	Red or Amber	White
Max Quantity per Loop	60	30	60	40	30	100	40
Device Load Factor	15	28	15	23	33	10	23
Ingress Protection	IP65C with Deep Base IP31C with Shallow Base						
Approximate Weight	0.3Kg		0.3Kg			0.3Kg	
Operating Temperature	-10°C to 50°C		-10°C to 50°C			-10°C to 50°C	
Relevant Standards (Sounder only)	EN54 Pt 3		EN54 Pt 3			EN54 Pt 3	
Sound Output at 1m	100 dBA ± 2 dBA		100 dBA ± 2 dBA			100 dBA ± 2 dBA	
Strobe Light Output	Equivalent to a 3w Xenon		Equivalent to a 3w Xenon			Equivalent to a 3w Xenon	
Strobe Flash Rate	Signal 1 0.5Hz Signal 2 & 3 1.0Hz		Signal 1 0.5Hz Signal 2 & 3 1.0Hz			Signal 1 0.5Hz Signal 2 & 3 1.0Hz	
IR Control Operating Distance	3m		3m			3m	
Approvals			LPCB applied for				

1) When using the bell sound with voice enhanced sounders refer to the "Inc Bell Tone" column for the loop loading data.

2) To use the new range of Sounders the panel software (main & repeat) may need to be upgraded.



Order Codes

IP65 System Sounders

S2IP-SN-R	Sounder Red
S2IP-SN-W	Sounder White
S2IP-SN-W3	Backwards compatible Sounder White
S2IP-SN-R3	Backwards compatible Sounder Red
S2IP-VO-R	Voice Sounder Red
S2IP-VO-W	Voice Sounder White

IP31 Low Profile Sounders

S3-SN-ST-RR	Sounder/Strobe Red
S3-SN-ST-WR	Sounder/Strobe White
S3-SN-R	Sounder Red
S3-SN-W	Sounder White
S3-VO-ST-RR	Voice Sounder/Strobe Red
S3-VO-ST-WR	Voice Sounder/Strobe White
S3-VO-R	Voice Sounder Red
S3-VO-W	Voice Sounder White

IP65 Low Profile Sounders

S3IP-SN-ST-RR	Sounder/Strobe Red
S3IP-SN-ST-WR	Sounder/Strobe White
S3IP-SN-ST-RW	Sounder/Strobe Red body White lens
S3IP-SN-ST-WA	Sounder/Strobe White body Amber lens
S3IP-SN-R	Sounder Red
S3IP-SN-W	Sounder White
S3IP-VO-ST-RR	Voice Sounder/Strobe Red
S3IP-VO-ST-WR	Voice Sounder/Strobe White
S3IP-VO-R	Voice Sounder Red
S3IP-VO-W	Voice Sounder White

IP65 Loop Powered Strobes

S2IP-ST-RR	Strobe Red body/Red lens
S2IP-ST-WR	Strobe White body/Red lens
S2IP-ST-WA	Strobe White body/Amber lens
S2IP-ST-RW	Strobe Red body/White lens

Remote Control

S3-CONTROL	HandiLink IR Remote Control

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ANALOGUE FIRE DETECTION

SENSOR SOUNDERS

Repeat Sounder
Repeats adjacent sounder operations. Ideal for en suite shower applications in hotels.

Optical Heat Sensor Sounder
Combines optical heat detection with an 85dBA sounder.

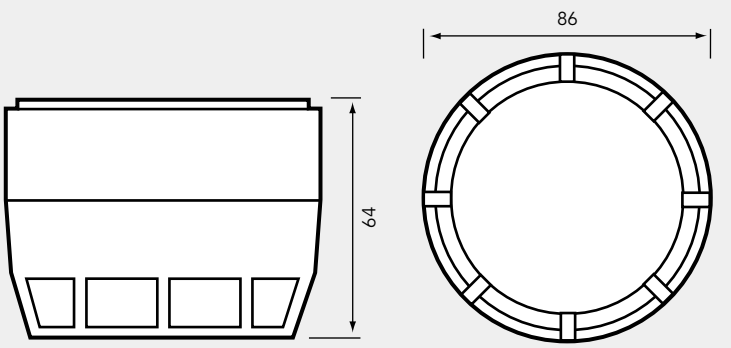
Heat Sensor Sounder
Combines heat detection with an 85dBA sounder.

34770 Optical/Heat Sounder

Technical Specification

Type	Repeat Sounder	Optical Heat Sensor Sounder	Heat Sensor Sounder
Max. Quantity per Loop	125	125	125
Approx. Weight	0.6Kg	0.6Kg	0.6Kg
Ambient Temperature	0°C to 50°C		
Ingress Protection	IP30	IP20	IP20
Relevant Standards	BS 5839: Part 1		
Sound Output at 1m	85dBA	85dBA	85dBA
Device Load Factor	8	8	8
Approvals	-	LPCB	LPCB

Dimensions (mm)



ORDER CODES

Optical Heat Sensor Sounder	34770
Heat Sensor Sounder	34780
Repeat Sounder	34777

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MANUAL CALL POINTS

34800 Call Point

An addressable call point with a response time less than 1 second.

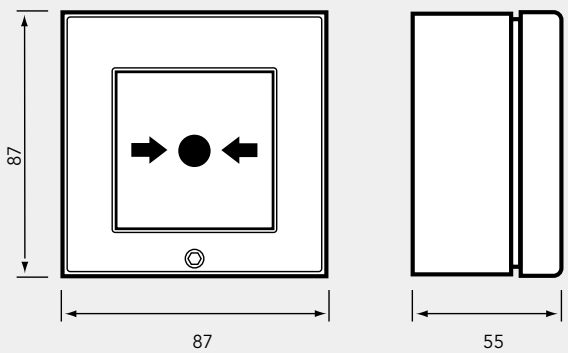
Versions available include:

- IP55 rated
- Lift up covers
- Keyswitch
- LPCB applied for

Technical Specification

Max Quantity per Loop	200
Ambient Temperature	0°C to 50°C
Ingress Protection	Standard IP40, Special IP55
Relevant Standard	EN54 Part 11
Approx Weight	0.77 Kg, (IP55 - 3.5 Kg)
Device Load Factor	1

Dimensions (mm)



ORDER CODES

Call Point	34800-EN
Key Switch Version	34807
Call Point with Cover	34842-EN
IP55 Call Point	34812-EN
IP55 Call Point with Cover	34852-EN
Flush Fixing Plate	19289-01
Pack of 10 Spare	14112-09EN

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SENSOR ANCILLARIES

T - Breaker
Used to provide a spur from the addressable loop.

Slave LED
Located on the addressable loop, will mimic the LED of the device it is connected to.

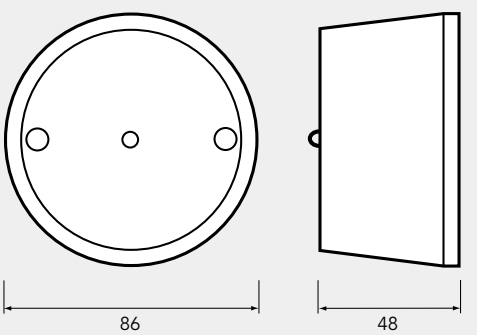
Slave Relay
Located on the addressable loop, it will operate when the sensor it is connected to detects a fire condition.

34701 T-Breaker

Technical Specification

Type	T-Breaker	Slave LED	Slave Relay
Max Quantity per Loop	200	50	50
Approx Weight	0.35Kg	0.34Kg	0.36Kg
Ambient Temperature	0°C to 50°C	0°C to 50°C	0°C to 50°C
Ingress Protection	IP40	IP40	IP40
Device Load Factor	1	1	1

Dimensions (mm)



ORDER CODES

T-Breaker	34701
Slave LED	34702
Slave Relay	34703

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INTERFACES

Mains & Loop Powered Interfaces

Interfaces are used to link the fire alarm system to other plant management devices such as sprinklers and security systems. They can also be used to link to a zone of conventional detectors or non Gent manufactured devices.

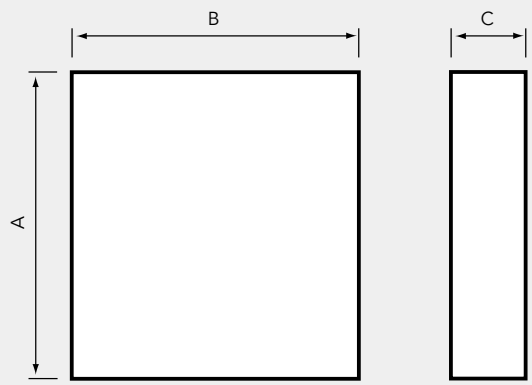
Interfaces are either powered from the loop or require a separate mains supply. The mains power version has its own battery backup.

Technical Specification

Type	Mains	Loop	Zone Module	Single Channel
Max Quantity per Loop	8	30	100	100
Approx Weight	8.6 Kg	2.4 Kg	0.7 Kg	0.7 Kg
Ambient Temperature	0°C to 45°C			
Ingress Protection	IP44	IP40	IP40	IP40
Voltage	230V a.c.	Loop powered	Loop powered	Loop powered
Device Load factor	8	2	10	10
No. Channels	4	4	1	1
Input Channels	Fire Fault MCP fire OEM detectors	Fire Fault Non-fire event	2 wire for conventional zone circuits	Fire Fault Non-fire event

Note: Loop powered interfaces require line modules for each single channel input or output.

Dimensions (mm)



	A	B	C
Mains	305	504	98
Loop	261	270	60
Zone Module	125	204	50
Single Channel	125	204	50

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Mains Powered Interface	34440
Loop Powered Interface	34450
Loop Powered Zone Module	34410
Single Channel Interface	34415
Line Modules	19245-05

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SECURE NETWORKS

A 'secure network' is used to interconnect a number of control panels and allows fire and other information to be passed between panels. It also allows an operator at one panel to control other control panels on the network.

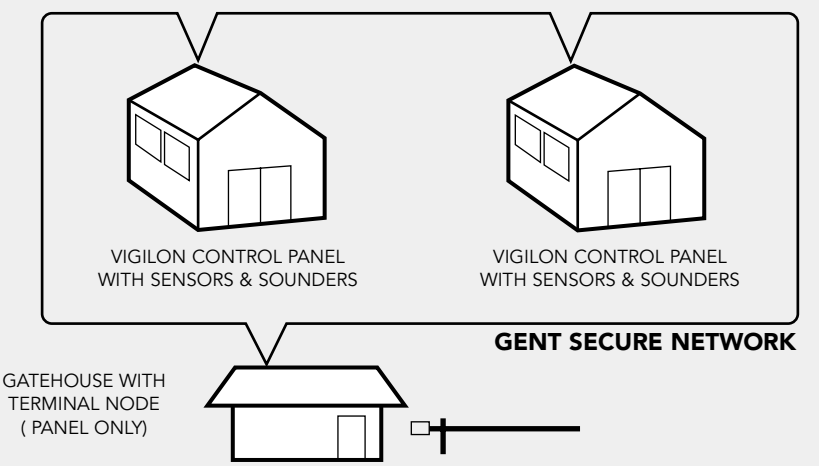
The secure network comprises a cable loop with isolation circuits at each panel. Networks are powered from the control panels and therefore will continue to operate in the case of a mains supply failure.

Technical Specification

Connectable Equipment	Network terminal node, 4 or 8 loop control panel
Mains Input Voltage	230V a.c.
Max. Number of Nodes	31 control panels and terminal nodes
Max. Distance between Nodes	800 - 1200m dependant on cable
Data Cables	Belden No 9729
Fire Resistant Cables	MICC, RADOX FR

Controlling the Network from a 13505 Terminal Node

The terminal node is useful in applications where operators need to be able to monitor and control a fire alarm system of one or more control panels from a remote location. The terminal node provides global display and control facilities in a similar way to Vigilon, but for the entire network.



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