GENT
by Honeywell

S-Cubed

S-Cubed incorporates sound, speech and an EN54-23 visual alarm all in one device.

Description

S-Cubed offers a comprehensive range of loop powered alarm sounders with integrated voice and EN54-23 certified visual alarms. Combined with flexible configuration from the Gent by Honeywell fire control panels, this loop powered device can give a differentiated combination of audible and visual alarms for alert and general evacuation.

Key Features

- Very low power consumption means that the Vigilon system offers more high performance sounders and VADs on the loop than any other manufacturer
- Each loop can support up to 200 voice sounders, 100 visual alarm devices (VADs) and up to 70 combined sounder VADs
- EN54-23 VADs with adjustable light coverage matching the sounder output
- Environmentally Protected (EP) range with an IP66 rating
- Four voice phrases and a bell tone available as standard
- Voice and tone modes can be freely configured within the same sounder
- Active background monitoring of sounder and VAD circuits
- Adjust the sounder volume via the commissioning tool, the panel or the HandiLink infrared remote control

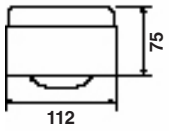
TECHNICAL SPECIFICATION – 1.0 TONE AND VOICE SOUNDERS			
Type	**System Sounder**		
	Standard Tone	**Voice Enhanced**	**Inc Bell Sound**
Approx max quantity per Loop (dependent on loop load)	**200**	**200**	**160**
Ingress Protection	**Standard range - IP21 Environmentally Protected 'EP' range - IP66**		
Approx Weight	**0.3Kg**		
Operating Temperature	**-10°C to +50°C**		
Sound Output	**103 dB(A) ± 3dB(A) @1m**		
IR Control Operating Distance	**3m**		
Approvals	**LPCB approved to EN54-3, EN54-23 and EN54-17**		

TECHNICAL SPECIFICATION – 1.1 TONE AND VOICE SOUNDERS WITH VAD			
Type	**Integrated Sounder and VAD**		**VAD Only**
Strobe Colour	**Red or White**		**Red or White**
Approx Max Quantity per Loop (dependent on loop load)	**High Power - 38** **Medium Power - 47** **Low Power - 72**		**High Power - 44** **Medium Power - 57** **Low Power - 100**
Ingress Protection	**Standard range IP21**		
Approx Weight	**0.3Kg**		
Operating Temperature	**-10ºC to +50ºC**		
Sound Output at 1m	**103 dB(A) ± 3 dB(A)**		
VAD Category - High Performance			
Power setting	**High**	**Medium**	**Low**
Red	**W-6.7-14**	**W-6.5-12.5**	**W-5-9.5**
White	**W-5-12.5**	**W-4.5-11.3**	**W-3-8.5**
VAD Category - Standard Performance*			
Red	**W-3-8.5**		
White	**W-3-8.5**		
Strobe Flash Rate	**0.5Hz**		
Approvals	**Sounder VAD EN54-3, EN54-23:2010, EN54-17** **VAD - EN54-23:2010, EN54-17** **Voice Sounders are LPCB certified to EN54-3 annex C**		

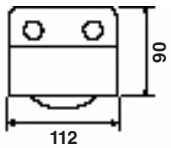
* The Standard Performance category relates to a restricted number of devices in the range, please see part numbers in the below table
NB: To use the new range of sounders the panel software (main & repeat) may need to be upgraded.

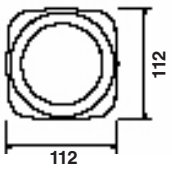
Dimensions (mm)

Shallow base



Standard base





Standard Voice Messages

• Alert Message (female voice)

" An incident has been reported in the building, please await further instructions."

• Alarm Message 1 (female voice)

" Attention please, this is an emergency. Please leave the building by the nearest available exit."

• Alarm Message 2 (male voice)

" This is a fire alarm! Please leave the building immediately by the nearest available exit."

• Test Message (female voice)

" This is a test message, no action is required."

DESCRIPTION	ORDER CODES
Sounders	
Sounder/Red Body	S3-S-R
Sounder/White Body	S3-S-W
Voice Sounder	
Voice Sounder/Red Body	S3-V-R
Voice Sounder/White Body	S3-V-W
Sounder VAD	
Sounder/HP White VAD/Red Body	S3-S-VAD-HPW-R
Sounder/HP Red VAD/Red Body	S3-S-VAD-HPR-R
Sounder/HP White VAD/White Body	S3-S-VAD-HPW-W
Sounder/HP Red VAD/White Body	S3-S-VAD-HPR-W
Voice Sounder VAD	
Voice Sounder/HP White VAD/Red Body	S3-V-VAD-HPW-R
Voice Sounder/HP Red VAD/Red Body	S3-V-VAD-HPR-R
VAD	
HP White VAD/Red body	S3-VAD-HPW-R
HP Red VAD/Red Body	S3-VAD-HPR-R
Standard Power Sounder VAD	
Sounder/Standard Power White VAD/Red Body	S3-S-VAD-LPW-R
Sounder/Standard Power Red VAD/Red Body	S3-S-VAD-LPR-R
EP Range (IP66 rated)	
Sounder/Red Body/EP	S3EP-S-R
Voice Sounder/HP White VAD/Red Body/EP	S3EP-V-VAD-HPW-R
Voice Sounder/HP Red VAD/Red Body/EP	S3EP-V-VAD-HPR-R
HP White VAD/Red Body/EP	S3EP-VAD-HPW-R
HP Red VAD/Red Body/EP	S3EP-VAD-HPR-R

* HP - High Performance VADs are configurable during commissioning to one of three intensity settings

Gent By Honeywell
140 Waterside Road,
Hamilton Industrial Park,
Leicester, LE5 1TN.

t 0116 246 2042
f 0116 246 2300
e gentenquiry@honeywell.com
www.gent.co.uk