

# Vigilon S-Quad sensor



10 reasons to specify S-Quad

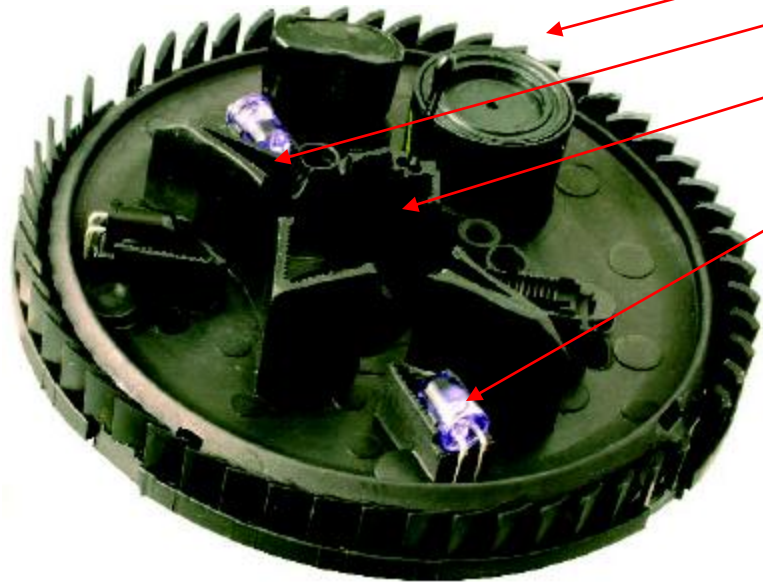


## 10. Another Industry First 'S-Quad'

- Four devices in one small package still on only 2 wires
- Combination of a multi-Sensor, a Speech Sounder and Strobe
- Cutting edge technology building on the reliable Vigilon platform
- A unique dual Optical chamber to identify different particles
- Added features including turbo boost sounder and input/output port



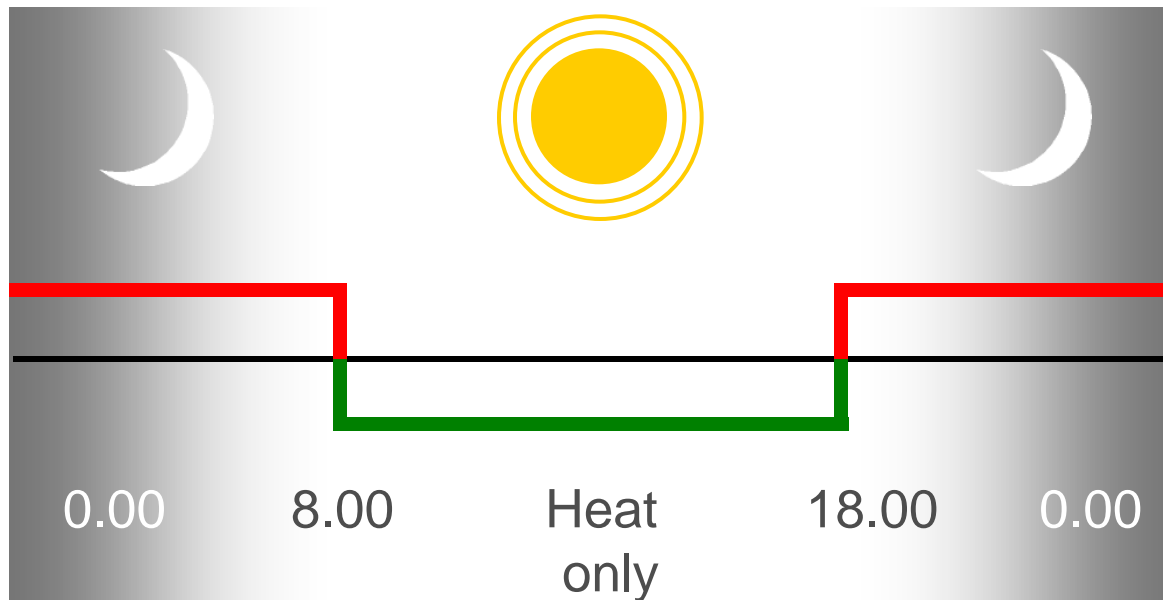
## 9. Detect fires quickly without risk of false alarms



- S Quad incorporates four separate sensing elements
  - Carbon Monoxide (CO)
  - Optical Forward scatter (OFS)
  - Heat sensor (H)
  - Optical Backward scatter (OBS)
- Sensing elements that have various settings to suit all applications or risks
- Combinations that allow selected states such as
  - High sensitive OFS
  - Med sensitive OBS
  - Grade A2 Heat
  - Low sensitive CO

## 8. Programmable 'states' to suit every application

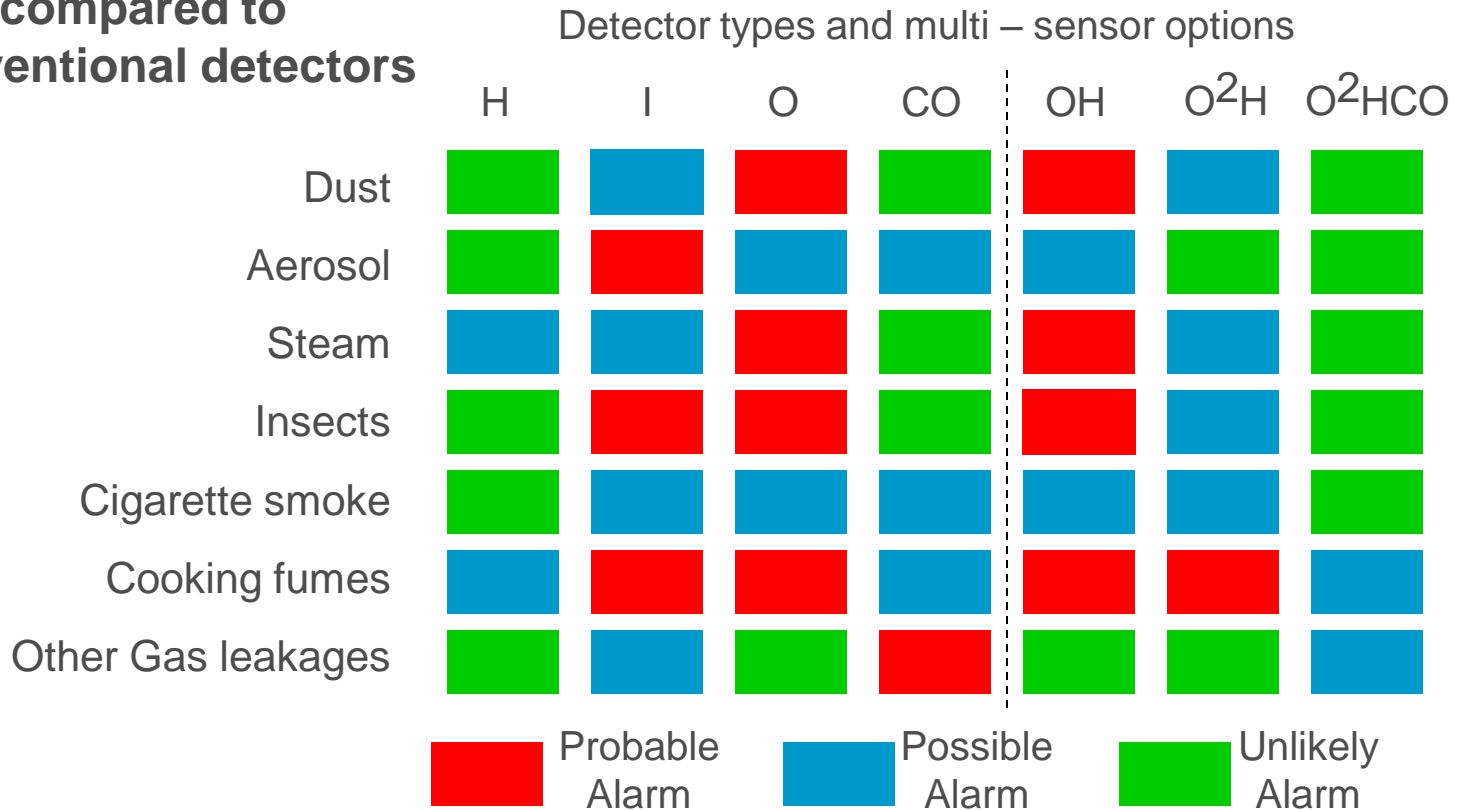
An endless list of 'states' to switch on/off during the day



- These sensor 'states' can be programmed for different time periods
- Anyone of the 4 different sensors can be set at different sensitivity levels

# 7. Virtually FREE from False alarms

## S-Quad sensors compared to Conventional detectors



# 6. Massive cost savings by having four devices in one



- Multi sensor
  - Optical Forward scatter
  - Optical Backward scatter
  - Heat
  - CO



- Sounder



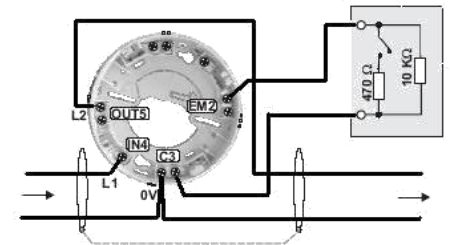
- Speech



- Strobe

- Input – output port

- Loop cable isolator



One set of terminations and only one pair of cables for all these devices within the same housing

- Less devices, less loops, less panels  
**LESS COST !**

## 5. Improve evacuation time with Voice message

- Get rid of the confusion - is it a Fire ?  
Over 70% of us will react to Voice compared to 13% for standard sounders
- Selectable messages to suit most requirements
- Synchronised messages through the same device that detects the fire
- Each S-Quad unit has a 'soft start' feature and has an individual volume control



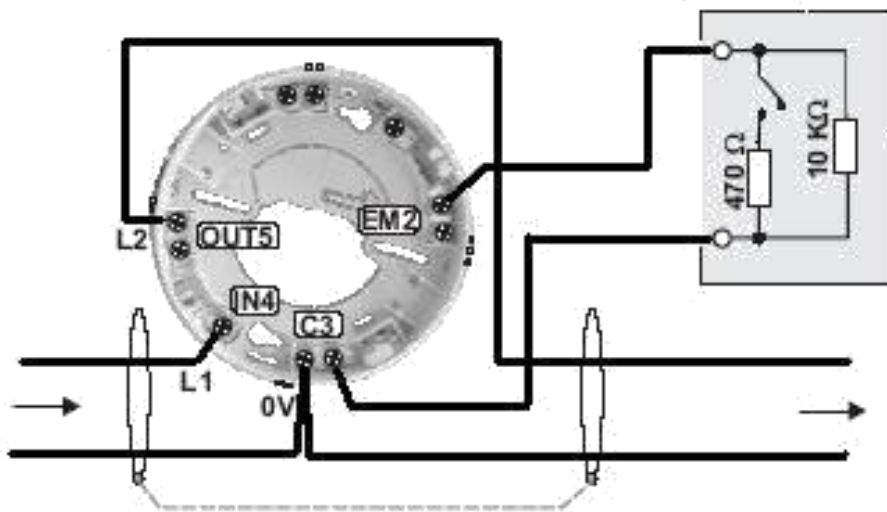
## 4. Strobe effect helps meet the requirements of DDA

- No longer have to worry whether fire system complies with latest requirements of the Disability Discrimination Act - 1995
- Anywhere you need a sensor you can automatically include a high intensity strobe – that can be operated independently if required





### 3. Additional Option - monitored line input or output



- S Quad has it all covered with the addition of a monitored input or output
- The output can be used for a remote LED or to operate a relay to control something from the individual sensor
- The input can have a separate identity to the sensor even though they share the same electronic address

## 2. Vigilon platform adds more power to the loop



- The Vigilon system has the greatest variety of FDA products supported on the same two cables
  - Fully functional repeat panels
  - Re-programmable A4 & A2 mimics
  - S-cube Sounder, Speech & Strobes
  - S-Quad – ditto + multi Sensors
  - Beam sensor transmitter/receiver
  - Variety of interfaces
- The Vigilon loop power capacity is second to none
- Soft or SAFE addressing options which allocate one address per outstation - irrespective of its purpose and number of labels assigned to it

# 1. Using Gent you are in SAFE hands



- All Fire products are designed for the same Vigilon platform by Gent development engineers based in the UK
- Problems resolved by one original supplier
- Gent also provide Design – Installation – Project management for all applications
- Gent have trained and approved System Integrators throughout the World

