



Telettek
electronics

**FIRE SAFEGUARD FOR YOUR PREMISES
SENSOIRIS WSST EN54-23 VAD**

WHERE ARE VISUAL ALARM DEVICES (VADs) REQUIRED?

In order to comply with the Equality Act, Building Regs and the recommendations of codes of practice such as BS5839-1, BS8300 and CoP0001, VADs are typically installed in:

- Bedrooms/sleeping accommodation (in hotels, student accommodation, etc)
- Toilets (not just accessible WCs as the hard of hearing are just as likely to use standard WCs)
- Any other area where a deaf or hard of hearing person might be alone
- Areas where ambient noise levels exceed 90dB or where people wear ear defenders
- Television, radio and recording studios
- Theatres and cinemas
- Operating theatres (to reduce disruption to surgical procedures)
- Areas where a gaseous extinguishing system is installed
- Areas where people are likely to use a personal music system
- Areas where visual alarm devices are used as part of a "staged" fire evacuation strategy

SensoIRIS WSST EN54-23/ VAD

SensoIRIS WSST EN54-23 is an addressable Wall Mount Sounder and Strobe designed for installing in addressable fire alarm systems supporting TTE communication protocol. The device is powered on from the panel and can be controlled via the communication protocol. SensoIRIS WSST EN54-23 is compatible with fire base B124. Fully comply with EN54, parts 3 and 23.

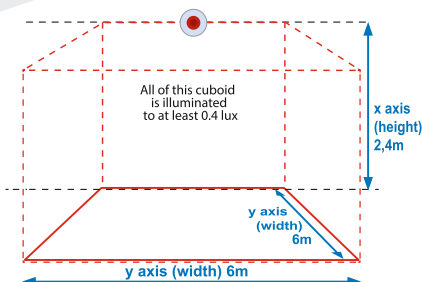
Always refer to a building's risk assessment (required under the Regulatory Reform Order, Fire Safety) for guidance on where VADs are required as it may suggest the use of additional or alternative methods such as vibrating pagers or 'buddy' systems.

WHAT IS EN54-23?

EN54-23 is a mandatory standard called up by BS5839-1 that specifies the requirements, test methods and performance criteria for Visual Alarm Devices (VADs) used in fire alarm systems. It defines a VAD as a light that flashes at 30-120 times a minute.

- To comply with the standard, a VAD must generate a minimum illumination level of 0.4 lux in specific test conditions. These tests are conducted in a complex manner that require the VAD to emit light at several hundred lumens.
- On completion of the tests, the VAD is given a 'W', 'C' or 'O' classrating. This rating can then be used to determine the VAD's actual coverage in real life situations depending on ambient light, mounting position and viewing angle.

SensoIRIS WSST EN54-23 W-2,4-6 Compact Wall VADs
Certified as W-2,4-6 devices where:
W = wall, 2,4 = 2,4m height and 6 = 6m width.
Light output is cuboid so no additional width calculation is required.



FUNCTIONAL FEATURES:

- Wall mount sounder and strobe
- Sound volume:
 - Low level: 80dB \pm 6dB
 - High level: 92dB \pm 5dB
- 32 sound types selectable from the panel
- TTE protocol
- Loop synchronization for better alarm signal
- Loop powered
- Color - white, transparent
- Available in version with built-in isolator (SensoIRIS WSST IS)
- IP43C, type B
- Coverage volume: W-2,4-6

