

CAST-PRO Smoke + Heat Multisensor c/w Voice Sounder & O-C-1.9-4 Red VAD

Part No. CP414VVR



Overview

- Multiple functionality in a single device smoke & heat multisensor fire detection plus an 86db(A) voice sounder and an O-C-1.9-4 red VAD - detects real fires quickly, reduces false alarms effectively and indicates true alarm conditions decisively.
- Certified to EN54-3, 5, 7, 17, 23, & 29.
- Compatible with C-TEC's ZFP touchscreen-controlled CAST protocol addressable fire panel.
- MASC™ (Miniature Advanced Smoke Detection Chamber) and AFFIRM™ algorithms provide incredible tolerance to false alarms whilst enhancing the detection of real fire conditions.
- Drift compensation functionality.
- Onboard short circuit loop isolator.
- Includes two 8mm x 2mm ultra-bright red LED indicating strips.
- Multiple detection modes and different sensitivities for different times of the day.
- Six selectable voice messages with tones (2 evacuate, 1 alert, 1 all clear & 2 system test messages).
- 24.9mA max. alarm current (max vol, VAD on).
- 590uA typical quiescent current @ 40V DC.
- Compatible with C-TEC's CA408 CAST base c/w integrated locking mechanism & ID tag.



More Information

Technical Specifications

Approvals/certifications

CPR number 0063-CPR-242190011, KIWA certified to EN54-3, 5, 7, 17, 23 & 29.



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Compatibility Compatible with C-TEC's ZFP CAST Addressable Fire Alarm Systems Heat & Smoke Fire Detection plus Voice Sounder & White VAD Type

Sensitivity 8 Detection Modes (default for this device is Mode 7).

Supply wiring 2-wire, polarity sensitive.

Supply/operating voltage 28 to 40V DC. Quiescent current 590uA @ 40V.

Alarm current (Imax at Vmin) 24.9mA (max volume, VAD lit). Alarm current (Iavg at Vmin) 14.6mA (max volume, VAD lit).

Sound pressure level (LAFmax) at Vmax at 1m 86dB(A).

VAD category & coverage O-C-1.9-4 (2m2/mA efficiency; 0.5Hz Synchronised).

 $2\ LED$ indicator strips emitting red light when in alarm offering 360^{o} visibility. Optional remote Indicators

LED.

Via CA408 base: 1 +Ve IN (analogue switch); 2 +Ve OUT (analogue switch); 3 Remote LED Connections

+Ve; 4 0V; 5 0V; 6 Screen; 7 Screen.

105mm diameter x 51mm deep (detector only); 105mm diameter x 68mm deep (detector in Product dimensions (mm)

IP Rating IP21C

Weight 131g (not in base); 186g (in base).

Operating conditions/temperature -10°C to +50°C. Max relative humidity: 95% (non-condensing) Notes Requires a CA408 CAST base. CA408R relay base also available.





















