

Cig-Arrête Weatherproof Master Flame Detector with Voice Sounder (Part No CSA-FDW)



Designed for the detection of unauthorised smoking in external areas subject to high winds, rapid ventilation, smoke and gas. Typical applications include open areas, building entry/exit points, rooms with high ceilings (>3m <6m), or locations subject to intermittent smoke or vapour.

The module is designed for single applications, and will detect a 25mm cigarette lighter flame at 6 metres within 1 second. When installed as part of a Cig-Arrête Tobacco Control System, the CSA-FDW can be connected to Weatherproof Slave Flame Detection units (CSA-FDWS) to provide complete coverage.

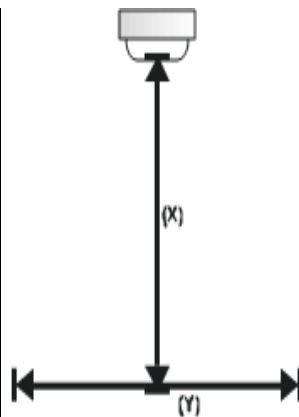
Coverage 6m @120° FOV

Product Features

- Designed to detect a flame lighting a cigarette with 120 degree field of view
- Fully self-contained, battery operated flame detector with Voice Sounder
- Operates from 4 x AA standard alkaline battery with full remote control.
- SmartWave® drive system provides clear voice message at 90dB output in alarm
- User programmable with any voice message using Windows PC. (up to 100 messages)
- Tough, aesthetic, IP54 enclosure
- On board relay for connection to remote equipment (contacts rated at 1A 24v dc)
- May be remotely powered using an optional 6V power supply (part CSA-006)

The table below shows the coverage area at the installation height.

Height	Coverage	Height	Coverage
Metres (x)	Metres (y)	Feet (x)	Feet (y)
1	3.5	3	10
2	7	6	20
3	10	9	31
4	14	12	42
5	17	15	52
6	21	18	62



Typical Applications

- Hospital Entrances
- Ambulance Bays
- Factory Gates
- School Shelters
- Playgrounds



“Please do not smoke in this area”

See how Cig-Arrête® Tobacco Detection Systems can work for you by viewing our demo videos at:

<http://www.youtube.com/watch?v=PBDwiLzDVVU>



“Smoking in School is not permitted”



Radal Technology USA LLC
1000 Laurel Avenue
Suite A
Hamilton, Ohio 45015
USA
Phone: 513-737-7900
Toll Free: 1-888-795-9577
Fax: 513-737-7444
Email: infousa@radaltechnology.com



Radal Technology Limited
Unit 1 Webber Court
Billington Road
Burnley
Lancashire BB11 5UB
United Kingdom
Phone: +44 (0)1282 463 770
Fax: +44 (0)1282 463 771
Email: info@radaltechnology.com



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TOBACCO CONTROL