

PART NO: CSA-VAPE (24Vdc Vape & Tobacco Smoke Detector with Voice Alarm)



Technical Specifications

Input Voltage	24Vdc
Quiescent Current	19mA
Alarm Current	30mA (Message Dependant)
Sound Output	75dB @ 1m

Product Features

Vape Detector	YES	Sounder	YES
Tobacco Smoke Detector	YES	Voice Message	YES
Flame Detector	NO	Flasher Unit	NO
TVOC Detector	YES	RJ45 Connector	YES
CO2 Detector	NO	Micro SD Card	YES
Microphone	NO	User Messages	YES
Humidity Sensor	NO		
Temperature Sensor	NO		

Description

The CSA-VAPE is the basic entry model of the Cig-Arrête Vape & Environmental Detection range and will detect vaping and tobacco smoking in a 3m x 3m x 3m volume.

All connections to the CSA-VAPE unit are made using Cat5e cabling, with terminations using RJ45 connectors. There are two RJ45 connectors, one IN and one OUT. Each detector is connected in a serial manner, from one to the other as shown in the diagram below and must be supplied power by either the CSA-GATE or CSA-VAPEPSU power supplies depending on your installation. On detecting an alarm, the product will broadcast a voice message in any language or even multiple languages and flash its LED for 5 minutes. The detector will also broadcast the alarm to external systems or detectors such as the Cig-Arrête Cloud portal and the CSA-VAPE/S Sounder Beacon.

The detector is normally installed on the ceiling of the area to be protected and if used in a washroom with full height cubicles (stalls) then one detector should be installed in each cubicle and additional device(s) in the open area.

The maximum height recommended for the installed devices is 3 metres.

The CSA-VAPE detector can be configured using the remote control CSA-IR2 and you can select volume, messages, language and sensitivity of the device as well as the number of message plays etc. You can also configure the product by inserting the micro SD card into a computer running Windows and opening the Config.txt file. All options can be configured, but this option is not advised for those unfamiliar with the product operation. Please refer to the system installation manual supplied with the product.

Do not install the product in areas which contain smokes or fumes or are subject to high winds as the product will not operate correctly and under no circumstances should the product be installed externally as it is not weatherproof.



Vape, Tobacco, Flame & Environmental Detection

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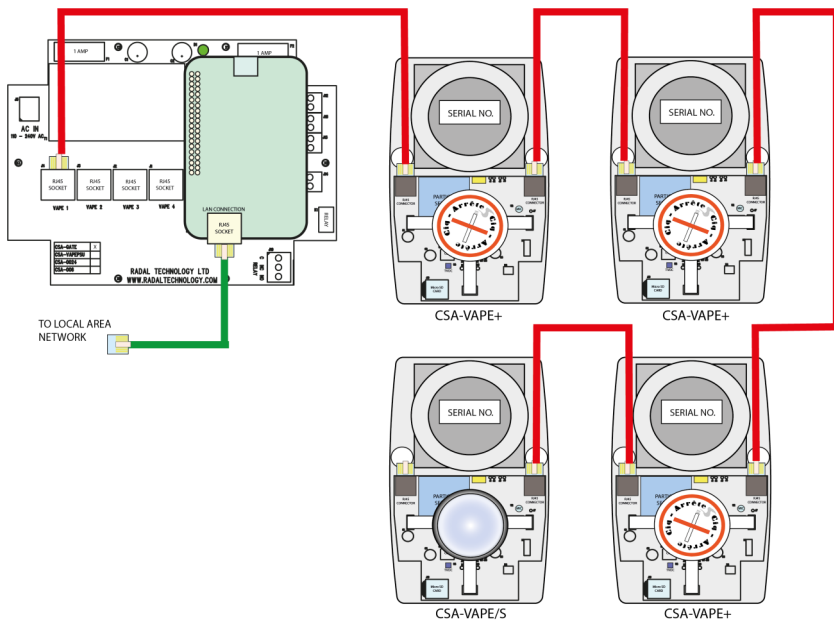


Fig 1: Typical System Installation

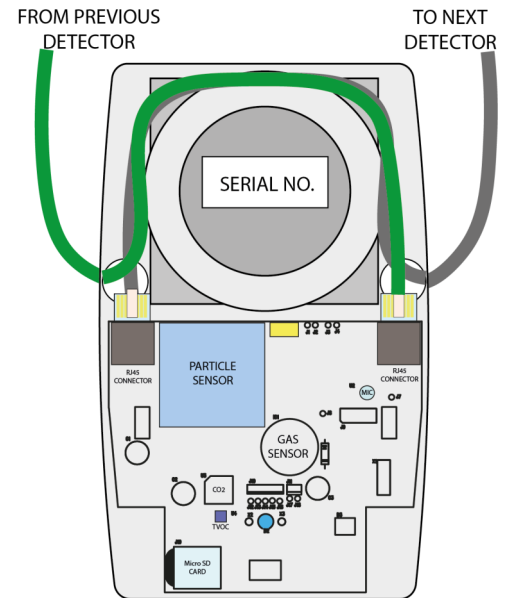


Fig 2: Installing the Cabling

Typical System Installation

Fig 1: shows a typical system installation is shown above. The CSA-VAPE detectors are installed in the area to be protected, such as a restroom or washroom. The CSA-VAPE/S is a Sounder Beacon and does NOT contain any detection sensors, which is installed outside the washroom to alert staff of an alarm condition.

The system is totally autonomous and following an alarm incident, the system will automatically reset after 5 minutes.

Please note that any installation with the CSA-VAPE can be connected to the Cig-Arrête Cloud and this means that all external data from individual devices can be exported and read by the customer or the installer, so all the features of the Vape & Environmental detectors such as Alarms, CO2, Microphone, TVOC, Temperature and humidity are available if present on the device you purchased. Please see Product Guide for more information.

The Installer / Customer is responsible for providing an internet access point at each location where the CSA-VAPE products are to be installed. Please see the appropriate guide for Cig-Arrête Cloud Connection.

Fig 2: shows the method by which the Cat5e cabling is connected to the device. In order to avoid tight bends in the cable, insert each cable into the hole opposite from the RJ45 connector. Run the cable in a loop around the speaker housing and then terminate into the RJ45 connector. If a second (output) cable is required follow the same principle so that the final installation corresponds with Fig 2 above.



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