



FireVu from D-Tec the inventors and market leaders in Video Smoke Detection, provides the answers to many of the detection problems that have previously perplexed the fire safety industry. Buildings and environments that have historically proven to be impossible or impracticable for point, beam or aspirating smoke detection systems can now be protected. Fire detection challenges such as smoke stratification, varying air flow and contaminated environments are overcome. FireVu “sees” the source of smoke and/or flames as it can identify them anywhere within its field of view, therefore it can detect at any height or direction of flow. This “at source detection” will naturally be faster than other forms of detection as it is not waiting for the smoke to reach the detector.

It works by using standard CCTV cameras as sensors, with the video information fed into an autonomous decision making embedded server (FireVu). This video information is analysed by extensive algorithms to identify the movements it “sees”. Should the motion patterns be recognised as smoke and/or flames, the system will alarm.

Information is presented to the operator via a standard PC (with bespoke operating and control software loaded). This is connected to the FireVu via Ethernet and allows the operator to view individual or multiple camera images in real time. During an event a live image showing clear boundaries of the alarm area is displayed within the screen.

When an event occurs, the images captured before the alarm event are recorded to disk, allowing the viewer to see enhanced evidence leading up to the event. This information is invaluable in reacting to the incident in the quickest and safest way.

Each FireVu system has 8 camera inputs. Multiple FireVu's can be connected to the network allowing an infinite number of camera inputs, which enables the system to cover large areas.



FEATURES

- 8 Camera inputs
- Bespoke embedded detection algorithms
- Identifies Smoke and Flame at source
- Visual confirmation of any alarm
- Unaffected by smoke / heat stratification or airflows/dilution
- Can utilise existing CCTV cameras
- Allows for smoke detection in hazardous / toxic environments
- Remote configuration and viewing
- Up to 16 configurable detection zones per camera
- 20 configurable relay outputs
- 20 alarm inputs
- Evidential quality event recording
- Configurable fault monitoring relays
- Full DVR capability
- Built in USB ports for archiving evidential material
- Bandwidth limitation avoids network congestion
- Reconfigurable zones can be easily modified to accommodate changes in use
- Meets BS 5839 part 1 requirements
- EN 50130-4 certification





SPECIFICATIONS

POWER SUPPLY

100-240 v AC 50/60hz

CURRENT CONSUMPTION

350mA @ 240V ac

WEIGHTS & MEASURES

Width: 440mm

Depth: 440mm

Height: 89mm

Weight: 12.3kg

MOUNTING OPTIONS

Desktop, shelf or rack (19inch Rack mounting plates included)

OPERATING TEMPERATURE

Minimum Operating Temperature: +5 C

Maximum Operating Temperature: +40 C

OPERATING HUMIDITY RANGE

10-85% non condensation

ELECTRO-MAGNETIC COMPATIBILITY

Copy of declaration is available on request

Smoke Detection

Flame Detection

Contact Details

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