



Product Description

FireVu is an advanced digital Video Smoke Detection (VSD) system based on the NetVu Connected platform. Its hard wired outputs are fully configurable volt free contacts which are activated on smoke and / or flame detection. It continuously monitors and records the incoming video stream from up to four video cameras. It event records the information to the internal hard drive whilst distributing the smoke & flame events providing live and recorded video images to multiple users distributed over the TCP/IP network with full colour overlay of the event for fast visual verification.

Images are recorded in watermarked (MD5) MJPEG format. Live or recorded images can be requested over the network in either MJPEG or MPEG4 formats, the latter offering significantly higher frame rates over limited bandwidth connections.

Remote system configuration and operation is carried out via a series of web pages using a browser such as Netscape or Internet Explorer.

Alarms can be generated by physical wired inputs or VSD events from any camera. These recorded events can then be protected on disk to prevent accidental erasure.

FireVu Observer is a Java based software package which allows the user to view live or recorded images from any FireVu connected unit on the network. This powerful database offers the user a step by step video history of recorded alarm events and, if required, incidents can be selected and downloaded for storage on any computer or LAN/WAN destination; full central monitoring functions are also included. FireVu Observer is shipped with every FireVu Digital Video Smoke Detection Recorder.

Available Configurations

4 Camera Inputs

Desktop or Rack Mounted

Up to 4 IDE hard drives providing from 300 GB to 2 Terabytes of storage.

100 images per second recording capability at full MJPEG quality.

As an example, a 2 Terabyte video server could record for almost 2 months recording at 20 images per second based on 20kB high-resolution images.

Key Features

- Colour smoke overlay for Fast Visual Confirmation
- 16 customisable zones per camera.
- 16 Relay Outputs.
- 16 alarm inputs, N/O or N/C contacts.
- HTML control & set-up pages.
- Pre & post-alarm event recording.
- Alarm and VSD events can be protected on disk.
- Standard or variable record rate for each camera.
- Variable playback speeds.
- Digital watermarking of MJPEG images with certificate creation using the MD5 algorithm.
- Video streaming MPEG4 whilst simultaneously recording high quality MJPEG.
- Video expiry period to comply with data regulations.
- Configurable for central monitoring applications.
- SMS and e-mail reporting of events.
- Full security with multiple passwords.
- Dial-on-alarm sends images to remote units via ISDN, PSTN or Ethernet.
- 10/100 BaseT LAN network interface with full/half duplex support and auto DHCP/DNS on capable networks.
- Bandwidth limitation option avoids network congestion.
- Front panel display indicates IP address and fault messages.
- LED's display Alarm and Fault
- Software firewall allows users to restrict access
- Security log files record all connections and illegal file access.

