

## Your First-Rank Safety Solutions

### Distributed Intelligent Video Image Fire Detecting System

# AlarmEye®

## The First UL Listed Video Image Fire Detecting System

Early smoke and flame detection, a key concept of video image intelligent surveillance system minimizes personnel and financial losses to fire hazards, and maximizes protections to important structures such as:

- Traffic Tunnels
- Exhibition & Convention Center
- Aircraft Hangar
- Large Warehouses
- Stadiums
- Shopping Centers
- Airport Terminals
- Hotels
- Libraries
- Office Tower Atriums
- Railway Stations
- Cathedrals
- Electrical Power Stations
- Chemical Factories
- Industrial Plants, etc.



# AlarmEye® Product Series

## AE900, AE900C Detector

AE900 series Distributed Intelligent Detection System is embedded with DSP parallel processor, adopting intelligent recognition and self-learning algorithm, identifies smoke and fire from the vision field, digitally combines the signals to obtain a fire probability, and outputs an alarm signal and composite video image. AE900C series detector is enhanced with an infrared detection feature resulting in a color and infrared dual wavelength detection mode, which automatically toggles between these modes to achieve a greater accuracy in fire detection. The maximum detection distance for a standard system is 180m, and with the attached IR source, the detector is able to operate continuously even under no-light condition.

## AE6000 Forest Detector

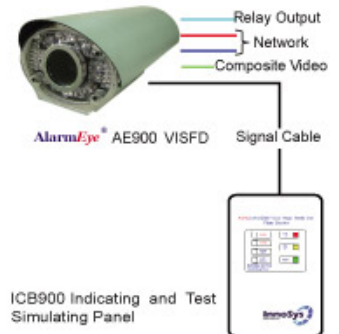
AE6000 Forest is a Distributed Intelligent Video Image Fire Detector specifically designed for fire detection of forest fires. It adopts unique IR, black & white, multi-frequency dual color detection techniques, featured with a variable detection vision field, intelligent self-adaptive capability and high dependability, mounted on revolving platform capable of 360° horizontal and 90° vertical movement to perform complete detection coverage. The effective distance is determined by the range limitation of camera selected, for example the focus of the camera. Pairing up the camera with an IR source enhances its capabilities to detect smoke under lighted or no-light condition.

## AEU900, AEU900C Detecting Unit

AEU900 series detection unit is a DSP parallel processor base Distributed Intelligent Detection Processing Terminal, which forms a complete system when externally connected to a standard camera or a long distance infrared camera. The unit is able to transmit light-source triggering control signals and a variety of alarm signals. AEU900C series detection unit is able to receive and process video and other types of sensor information to perform composite detection, which significantly improves the reliability of the fire flame detection. It is completely compatible with all conventional fire alarm systems.

## AE3000 Video Fire Alarm and Information Management System

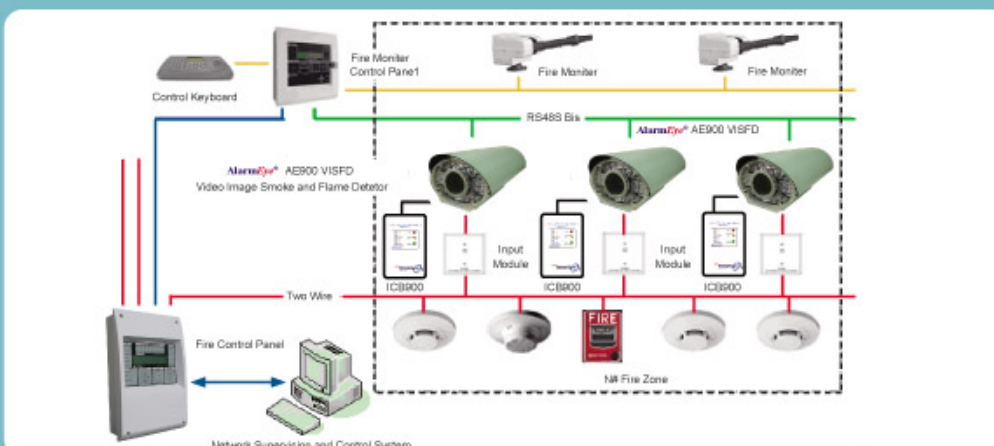
AE3000 Video Fire Alarm and Information Management System executes first or second alarm verification; alarm signal storage management, digital map display, and fire incidences video storage. It is the main server designated for networked detection, one AE3000 can support 4~8 cameras; for second alarm verification and information management, one AE3000 can support 32~64 AE series detectors. AE3000 becomes a powerful device for its capability to perform remote operations, through LAN and INTERNET connection.



AlarmEye® AE900 Video Image Smoke and Flame Detecting System



AlarmEye® AEU900 Video Image Smoke and Flame Detecting System



## AlarmEye® Product Series



**DRM2000 Digital Video Record and Information Management System**  
 DRM2000 Digital Video Recorder and Fire Alarm Management System provide management and correlation of 32 ~ 64 AE series video image fire detectors and its primary functions include alarm signal display, storage, electronic map display, and incidence video recording. It can be installed in a standard system enclosure.

**AES2000 Setting and Debugging System for AE Series Detector**  
 AES2000 system performs system configuration of AE series detector and AEU series detection unit. Setting parameters include:

- Surveillance vision field selection and verification,
- Detection sensitivity level,
- Smoke sediment zone,
- Zone exclusion,
- Up to 64 sub-zones.

### VAM2000 Visual Alarm Monitoring System

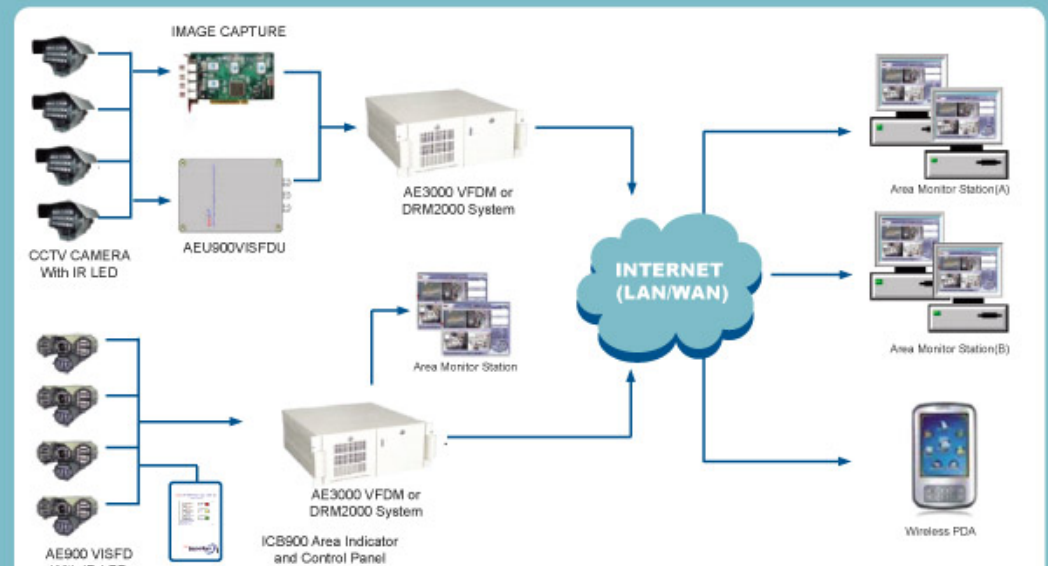
VAM2000 system software is designed for local or remote monitoring stations; it provides fire hazard probability algorithms, alarm information, displays alarm location and displays incidence video. When used with the with AE3000 system, the VAM2000 provides a complete LAN or WAN fire monitoring system.

### ICB900 Indicating and Control Panel

ICB900 is an on-site display and control panel paired with each AE series detector. The ICB900 displays system status operations such as power and alarm information. A key feature of the ICB900 is its ability to simulate fire alarm and fault signals to test and verify configured system functions.

### FireDVR™, FireDVS™ Digital Video Recorder and Server

FireDVR digital video Recorder and FireDVS digital video server are mainly coupled with AE series detectors, DRM2000 system or other video surveillance, to form digital video alarm network. FireDVS can connect up to 4 AE series detectors while FireDVR can connect up to 16 AE series detectors. The recording time for FireDVR is dependent on the capacity of the selected external hard disk.



**Network Remote Fire Alarm Monitoring Model**