

SIGNIFIRE™ FSM-8 EARLY WARNING/EARLY RESPONSE

DESCRIPTION

The SigniFire FSM-8 DVR is the building block of an analog camera early warning fire detection system. FSM-8 is capable of detecting and alarming on a variety of events. Once an alarm occurs, key personnel will be immediately notified and made aware of the event by digital video transmissions over IP.

Video Processing Algorithms Include:

Flaming Fires - looks for a specific fire pattern consisting of a bright core of the flame and a flickering corona.

Reflected Fire Light - detects the presence of the flicking component of fire light reflected off of a surfaces facing the fire.

Smoke Plumes - identifies the anomalies that are caused by smoke and analyze the progression over a period of time to identify a growing smoke plume.

Ambient Smoke - monitors the light diffusion from light sources and bright objects in the video images to detect the pattern consistent with the slow accumulation of smoke.

Intrusion Detection - can monitor multiple areas of the video image for the presence of moving objects at different times. This can be used to detect and record wanted or unwanted persons.



FEATURES AND BENEFITS

- 8 analog video channels
- Uses standard CCTV cameras
- Multiple unit scalability over IP network
- Remote monitoring over the internet
- Remote playback of archived events
- Addresses security needs of organization
- FM approved (requires approved analog cameras)



Form No. D.1.28.01

SPECIFICATIONS

Processing:	3.0 GHZ Pentium® 4 HT 512 MB RAM, 400 GB HDD Windows XP™
Video Inputs/Format:	8 analog, B/W or color (NTSC/PAL/SECAM)
Video Resolution:	320 x 240 (NTSC)
Minimum Illumination:	4.8 foot-candles (40 lux)
Events Notification Medium:	SigniTalk™ over TCP/IP, Digital Output, Alarm and Trouble Dry Contacts
Detection Range (30° lenses)	Flame: 1 ft pan fire at 100 ft Smoke: indoor detection at 100 ft Motion: configurable motion detection based on zones and schedules
Detection Zones:	User defined, including detect/non-detect logic. Each zone may be linked to multiple detection. Schedules (daily, weekly, monthly, yearly, single occurrence)
Recording Capacity:	Over 21 days total (8 channels, 400 GB HDD, 2 fps.)
Dimensions:	3U Standard rack mount 10" x 21" x 5.25" (25x53x13cm) 32.5 lbs. (14.8 kgs)
Environmental Limits:	Temperature range 32-120°F (0-49°C) Humidity up to 5-95% non condensed
Power/Typical Consumption:	120 VAC/200 Watts

ORDERING INFORMATION

Fike P/N	Description
28-013	FSM-8 DVR (for analog systems)

