ADPRO® VM30

Framestore

Data Sheet

The VM30 Framestore module provides multiple picture storage of high resolution colour and monochrome images. It allows the user of the Axiom Multi-Channel Video Movement Detector to quickly and accurately assess video alarm threats.

Features

High resolution multiple image storage

- Stores up to 20 pictures (colour) and 80 pictures (monochrome)

- Single shot, multiple picture and pre-trigger acquisition modes

- Freeze frame display mode to allow detailed examination of moving objects

- Moving display mode provides behavioural information

- Monitors up to 10 channels for alarms

- Simple integration with Axiom, no external wiring required

A New Level of Capability

The VM30 employs state of the art digital circuitry to provide high image quality, high storage capacity and storage flexibility. Pre-trigger image capture modes enhance the ability to accurately assess alarm causes.

Programmable Capture and Display Modes

The VM30 contains an on-board processor that controls the image capture and display as commanded from the Axiom programmer or keyboard.
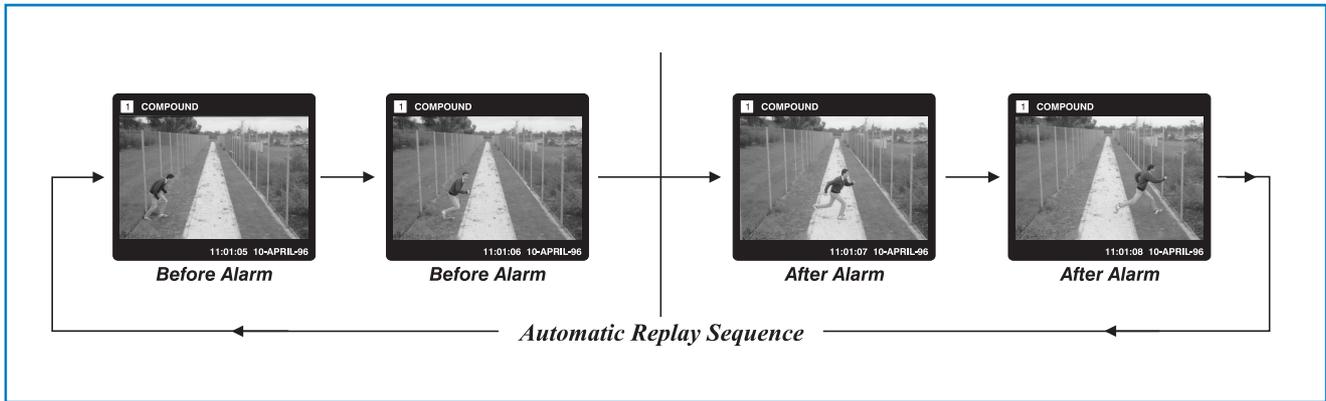
Image capture modes supported include single picture, multiple pictures captured after the alarm event or multiple pictures captured both before and after the alarm event.

Simple menu programming allows the user to select the required picture resolution and the mode of image capture.

Image display modes include real-time video, freeze frame and moving picture modes. Freeze frame display mode allows the detailed study of individual images to assist in threat identification. The moving picture mode provides behavioural information to assist threat qualification.

Single keystrokes are used by the operator to select a moving replay mode or to single step between pictures from one video source or between video sources.

| Before Alarm | Before Alarm | After Alarm | After Alarm |

Automatic Replay Sequence

Specifications

Video Bus Inputs
10 channels of composite video input via Axiom backplane

External Video Input
1 external video input, 1 volt peak to peak composite video in, 75 ohm source impedance

Auxiliary Video Input
1 auxiliary video input (for use with cascaded systems), must be terminated in 75 ohms if not used

Video Output
1 video output designed to drive a 75 ohm load

Trigger Inputs
10 trigger inputs supplied from Axiom

Dimensions
25mm (1") (W) x 100mm (3.875") (H) x 300mm (11.5") (L) (3U high eurocard with 25 mm panel)

Operating Conditions
Operating temperature range 0ºC-50ºC (32ºF-122ºF), humidity less than 90% non-condensing

Power Requirements
Supplied from Axiom power supply when inserted in cardcage (5 Volts, 1.2 amps, +/- 12 volts, 250 mA)

Warranty
The ADPRO VM30 Framestore module is covered by a twelve (12) month warranty.

Ordering Requirements

VM30 Framestore Module for Axiom PAL or
VM30 Framestore Module for Axiom NTSC

Distributed by

Vision Systems

Vision Systems

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