

VOM-1500

JPEG Video Only Module



INCORPORATED

Sophisticated Security and Surveillance Systems

Features

- ✓ 12 Independent video capture and scaling channels
- ✓ Adjustable frame rate
- ✓ Video image scaling
- ✓ No need for camera synchronization at installation
- ✓ Automatic streaming of video images to system memory



Description

The VOM-1500 has 12 video inputs, with each input capturing at CIF resolution (360x240 pixels NTSC). The compression format is JPEG, with global recording rates of up to 120 pictures per second NTSC, depending on the system configuration. It is possible in software to vary the recording frame rates of the cameras, so individual cameras can be set to record at full frame rate (30 pps NTSC), at the frame rate expense of other cameras. The module has no BNC connectors – it connects to cameras by means of a rear-panel connector unit (usually a BNC-1500 Patch Panel, but possibly a VMX-1000/1100/1200).

Note 1:

The VOM-1500 has no audio capability.

It is possible to mix-and-match DSS video modules as follows:

- ✓ VOM-2000, AVM-3000 modules in a DSS unit without a rear-panel connector unit.
- ✓ VOM-1400 / 1500 / 2100, AVM-3100 modules in a DSS with a rear-panel connector unit (BNC-1500, VMX-1000/1100/1200)
- ✓ A single VOM-2000 / 2010, AVM-3000 module can utilize the spare slot to the side of a connector unit.

Specifications

Model	
VOM 1500	Video Capture and Scaling Module
Video Specifications	
General	Independent video processing channel per VOM-1500.
Video std	EIA/NTSC
Compression format	JPEG
Video inputs (cameras)	12 inputs per VOM-1500
Recorded resolution	CIF
Max recording speed per unit (global)	Up to 120 pictures per second NTSC, depending on the system configuration.
Max recording speed per camera	Can specify some cameras to achieve 30 pps NTSC, at the expense of other cameras
Requirements	
BNC connections	Requires rear panel connector unit (BNC-1500, VMX-1000/1100/1200)
General	
Approvals	Requirements of EMC directive 89/336/EEC: SABS CISPR22:1997 SABS CISPR24:1997 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 61000-4-11 IEC 61000-3-2 IEC 61000-3-3