



- ▶ 12 independent video capture and scaling channels
- ▶ Adjustable frame rate
- ▶ Video image scaling
- ▶ Auto PAL/NTSC detection
- ▶ No need for camera synchronisation at installation
- ▶ Automatic streaming of video images to system memory

The VOM-1512 has 12 video inputs, with each input capturing at CIF resolution (360x288 pixels PAL, 360x240 pixels NTSC). The compression format is JPEG, with global unit recording rates of up to 100 pictures per second PAL / 120 pps NTSC, depending on the system configuration. It is possible in the software to vary the recording frame rates of the cameras, so individual cameras can be set to record at full frame rate (25 pps PAL, 30 pps NTSC), at the frame rate expense of other cameras. The module has no BNC connectors – it connects to cameras by means of rear-panel connector unit (see two examples in the image at the right)



VOM-1512 with fitted BNC-2004 and using 2x BNC-2104 for further 8 inputs

Ordering information

VOM-1512 12-Channel JPEG Video Capture and Scaling Module

One of the following rear-panel connector units is required for BNC connection:

VMX-1000 Cross Point Switch

VMX-2024 Cross Point Switch

VMX-2036 Cross Point Switch

BNC-2004 4-input card-mounted patch panel

BNC-2104 4-input slot-mounted patch panel

BNC-1500 24-input rear patch panel

BNC-1600 36-input rear patch panel

Specifications

General	Independent video processing channel per VOM-1512
Video std	CCIR/PAL and EIA/NTSC
Compression format	JPEG
Video inputs (cameras)	12 inputs via connector unit/s – the VOM-1512 has no built-in BNC connectors

Recorded resolution	CIF (360x288 pixels PAL, 360x240 pixels NTSC)
Max recording speed per unit (global)	Up to 100 pictures per second PAL, 120 pps NTSC, depending on the system configuration.
Max recording speed per camera	Can specify some cameras to achieve 25 pps PAL / 30 pps NTSC, at the expense of other cameras
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

Requirements

Minimum DSS software	5041d5 or later, NetBSD 3 or later
BNC connections	Requires rear panel connector unit