

## Wavelet Video Only Module



INCORPORATED

Sophisticated Security and Surveillance Systems

### Features

- ✓ Four BNC inputs
- ✓ Selectable compression ratios
- ✓ Select either 1 or 2 fields per frame recording
- ✓ 30 frames/ sec NTSC
- ✓ No need for camera synchronization at installation
- ✓ Selectable termination on all inputs.
- ✓ Anti-vibration Bracket
- ✓ Single header connects a connector unit to the VOM card
- ✓ Selectable Compression Ratios
- ✓ Select either 1 or 2 fields per frame recording
- ✓ 30 frames/sec NTSC
- ✓ No Need for camera synchronization at installation
- ✓ Selectable termination on all inputs
- ✓ Anti-vibration Bracket

NB: the VOM-2100 can only be used in conjunction with the VMX-1000 Cross Point Switch or the VMX-1100 Active Loop Through.



VOM-2000 / 2010



VOM-2100 / 2110

### Description

The VOM-2xx0 can record at 7.5 fps per camera irrespective of camera synchronization (it eliminates the need for camera synchronization at installation). Each composite video input utilizes 75 Ohm BNC\* connectors. The option exists to activate or deactivate the 75-Ohm terminations by means of the four-pole dip-switch (SW1). BNCs for the VOM-2100/2110 are situated on the connector unit (BNC-1500/1500D, VMX-1000/1100/1200).

The VOM-2xx0 is compatible with the AOM-1000 Audio Module, which piggybacks directly onto the card.

Inclusion of the anti-vibration bracket ensures that the cards seat correctly and minimizes any movement.

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

- ✓ VOM-2000, AVM-3000 modules in a DSS *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, AVM-3000 module can utilize the spare slot to the side of a connector unit

### Specifications

Model	
VOM-2000/2010	Wavelet Video Only Module for use without a rear-panel connector unit
VOM-2100/2110	Wavelet Video Only Module for use with a rear-panel connector unit
Video Specifications	
General	Independent video processing channel per VOM-2xx0.
Video std	EIA/NTSC
Compression	Wavelet; selectable compression ratios.
Video inputs (cameras)	<ul style="list-style-type: none"> <li>• 4 inputs per VOM-2xx0</li> <li>• 4 direct inputs per VOM-2xx0; CVBS (BNC); 1Vpp/75 Ohm.</li> <li>• Selectable termination on all inputs.</li> </ul>
Recording, Live Viewing and Playback Specifications	
Recording Rate (1 or 2 fields selectable)	<ul style="list-style-type: none"> <li>• At 720x576 pixels (full frame/4 CIF/2 fields) - 30 frames per second NTSC</li> <li>• At 720x288 pixels (1 field / 2CIF) - 60 fields per second NTSC</li> <li>• At 360x288 pixels (CIF) - 60 fields per second NTSC</li> </ul>
Live Viewing Rate	At 720x288 (1 field / 2CIF): One camera only - up to 30 fields per second NTSC
	At 360x288 (CIF): <ul style="list-style-type: none"> <li>• For two cameras – approximately 10 fields per second NTSC</li> <li>• For three cameras – approximately 7 fields per second NTSC</li> <li>• For four cameras – approximately 5 fields per second NTSC</li> </ul>
Playback Rate	Playback is not card-related; it depends on the system processing speed at the time of playback.
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