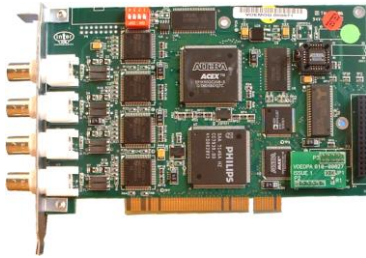


VOM-2000 / 2010 / 2100 / 2110

Wavelet Video Only Module

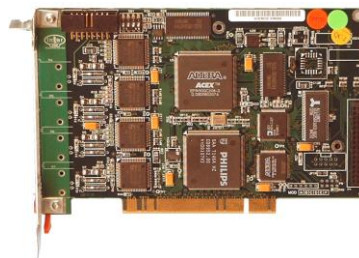


Features: VOM-2000/2010



- Four BNC inputs
- Selectable compression ratios
- Select either 1 or 2 fields per frame recording
- 25 fps per PAL video channel (30 fps NTSC)
- No need for camera synchronisation at installation
- Selectable termination on all inputs
- Anti-vibration bracket

Features: VOM-2100/2110



- Single header connects a connector unit to the VOM card
- Selectable compression ratios
- Select either 1 or 2 fields per frame recording
- 25 fps per PAL video channel (30 fps NTSC)
- No need for camera synchronisation at installation
- Selectable termination on all inputs
- Anti-vibration bracket

Description

The VOM-2xx0 can record at 4 to 6 fps per camera irrespective of camera synchronization (it eliminates the need for camera synchronisation at installation). Each composite video input utilises 75 Ohm BNC* connectors. The option exists to activate or deactivate the 75-Ohm terminations by means of the four-pole dipswitch (SW1). BNCs for the VOM-2100/2110 are situated on the connector unit (BNC-1500/1500D, VMX-1000/1100/1200/1000D/1100D/1200D).

NOTE: VOM-2010/2110 cards supersede 2000/2100 cards from July 2006. They require DSS release 5041a1 software or later.

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 minimises any movement.

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

- VOM-1000 / 2000 / 2010, AVM-3000 modules in a DSS *without* a rear-panel connector unit
- VOM-1400 / 1500 / 2100 / 2110, AVM-3100 modules in a DSS *with* a rear-panel connector unit
- A single VOM-1000 / 2000 / 2010, AVM-3000 module can utilise 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	CCIR/PAL and EIA/NTSC
Compression	Wavelet; selectable compression ratios.
Video inputs (cameras)	<ul style="list-style-type: none"> ● 4 inputs per VOM-2xx0 ● 4 direct inputs per VOM-2xx0 CVBS (BNC); 1Vpp/75 Ohm. ● Selectable termination on all inputs.
Recording, Live Viewing and Playback Specifications	
Recording Rate (1 or 2 fields selectable)	<ul style="list-style-type: none"> ● At 720x576 pixels (full frame/4 CIF/2 fields) - 25 frames per second PAL / 30 NTSC ● At 720x288 pixels (1 field / 2CIF) - 50 fields per second PAL / 60 NTSC ● At 360x288 pixels (CIF) - 50 fields per second PAL / 60 NTSC
Live Viewing Rate	At 720x288 (1 field / 2CIF): One camera only - up to 25 fields per second PAL / 30 NTSC
	At 360x288 (CIF): <ul style="list-style-type: none"> ● For two cameras – approximately 8 fields per second PAL / 10 NTSC ● For three cameras – approximately 6 fields per second PAL / 7 NTSC ● For four cameras – approximately 4 fields per second PAL / 5 NTSC
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

Ordering Information **(NOTE: VOM-2010/2110 cards require DSS release 5041a1 software or later)**

Code	Description
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 one of the following rear-panel connector units: <ul style="list-style-type: none"> ○ BNC-1500/D* BNC Patch Panel ○ VMX-1100/D* Active Loop Through ○ VMX-1000/D* Cross Point Switch ○ VMX-1200/D* Cross Point Switch <p style="text-align: center;">*/D series rear-panel connector units fit the PRO-6000-D/DE Capture Station platforms</p>