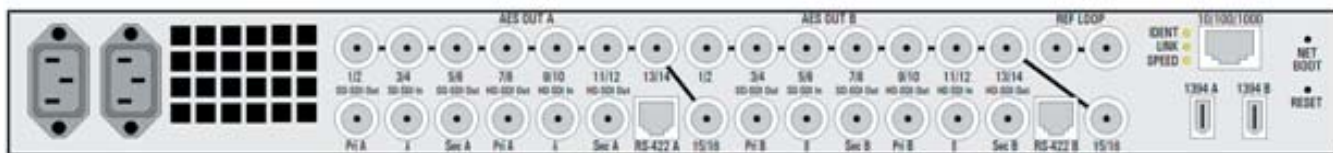


MultiPort 4102



MultiPort 4102 - Rear Panel View

The MultiPort 4102 is an interface adapter for video, audio, timecode and control that provides playback for 2 channels of MPEG-2 HD video with up to 16 audio channels within a single 1-RU device. The MultiPort 4102 can be used as the sole output interface for an Omneon Media Server System or as an output component of a larger system. It incorporates support for internal or external up and down conversion enabling support of HD and SD on the same timeline as well as simultaneous HD and SD outputs. Multiple MultiPort 4102 units can be used in a single system. The MultiPort 4102 includes redundant power supplies with failover capability for maximum reliability.

MultiPort 4102 Specifications

Parameter	Specification	Detail
Video I/O	SMPTE 292M	75 Ohm BNC (2 x HD-SDI Output)
Compression/Decompression	MPEG-2	MPEG-2 decoding only: <ul style="list-style-type: none"> • 19 – 78 Mbps, Long GOP, 4:2:0 or 4:2:2 profile • 1080i /29.97Hz • 720P/59.94Hz, 720P/50 Hz • 1080i/50Hz
Audio	AES/BEU 24-bit output and 48 KHz output Pre-compressed Audio	16 x 75 Ohm BNC 32 Channels (8 AES pairs per video channel) AC-3 and Dolby E (pass-through)
Up-Conversion	SD & HD up-conversion with 4:3 to 16:9 aspect ratio conversion	Aspect ratio format can be set to frame/image centered pillarbox, frame/image centered 14:9 crop or anamorphic 16:9 stretch Aspect ratio configured through player definition interface.
Down-Conversion	HD to SD down-conversion with 16:9 to 4:3 aspect ratio conversion	Aspect ratio format can be set to frame/image centered letterbox ,frame/image centered 14:9 crop, image/frame centered 4:3 crop or anamorphic 4:3 squeeze. Aspect ratio configured through player definition interface.
Control	RS-422 Serial Control	VDCP Protocol 1 x RJ-45 connectors
Timecode	VITC	SDI – carried within video
Reference	Reference Video	Derived from MediaServer or REF LOOP connectors
Environmental	Operation Temperature Humidity	+10C to +35C 10% to 80% non-condensing
Safety	USL/CNL Low Voltage Directive (73/23/EEC) including admendments	CAN/CSA C22.2 No. 950-95/UL1950, Third Edition EN60950: 1992, A1+A2+A3+A4 Safety of Information Technology Equipment
EMC	FCC Part 15, ICES-003 ICES-003 Directive of Electromagnetic Compatibility (89/336/EEC) including amendments CISPR 22	Class A for Digital Equipment, USA Class A for Digital Equipment, Canada EN55022:1998, EN55024:1998 Emissions from Information Technology Equipment Immunity for Information Technology Equipment
Dimensions	W: 44.4cm (17.5 in) H: 4.4 cm (1.75 in) D: 54.6 cm (21.5 in) 55.4 cm (21.81 in), 56.5 cm (22.25 in)	Chassis only 1 RU Chassis front to chassis rear Chassis front to rear of BNC connectors Front of bezel to rear of BNC connectors Front bezel extends forward [Max. 1.1 cm (0.4375 inches)] from chassis front edge and rack ear plane
Weight	6.0 kg (13.5 lbs)	
Power	100-240 V, 50-60Hz,.5 Amp	Dual Universal Power Supplies

MultiPort 4102

Included Accessories

Qty	Description	Note
2	Power Cord	1.83 Meters (6 ft.)
1	Cable IEEE 1394	IEEE 1394 Male to IEEE 1394 Male, 38.10 cm (15 in)
1	Ferrite Core for IEEE 1394 cable	
1	Cable, Ethernet CAT 5	RJ-45 Male to RJ-45 Male, 0.61 meters (2 ft.). Used with RS-422 adapter for remote serial control
1	Adapter, RS-422	DB-9 Female to RJ-45 Female
1	Tray Mount Label Kit	



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