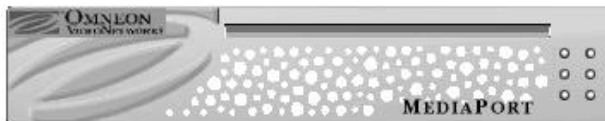


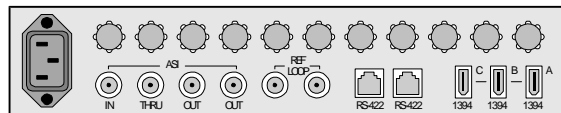
OMNEON MIP 1005 MEDIAPORT FOR DVB/ASI

A MEDIAPORT is an interface adapter that provides format conversion between the various supported formats and the Omneon Media Server System. A high-speed serial I/O bus provides the physical and logical connection between the MEDIAPORT and the MEDIASERVER. Each MEDIAPORT provides the ability for a single channel to be recorded to, or played back from the network. The following lists models of MEDIAPORTS in a variety of format configurations, ranging from SDTI transfer to full record/play of uncompressed ITU-R 601 I/O:

- MIP 1001a DV/MPEG MEDIAPORT
- MIP 1002 SDI/SDTI MEDIAPORT
- MIP 1003a DV/MPEG *Plus* MEDIAPORT
- MIP 1005 DVB/ASI MEDIAPORT
- MIP 1010a DV/MPEG *IMX* MEDIAPORT



MIP 1005 - Front Panel View



MIP 1005 - Rear Panel View

MIP 1005 Description and Specifications

Parameter	Specification	Detail
DVB/ASI I/O	DVB A010 Rev 1 (Asynchronous Serial Interface) ¹	75 Ohm BNC. Input with active loop-through. 2 x Outputs (Stream 1 and 2, independent) ²
Data Coding	8b/10b	
Max. Bit Rate	100 Mbps	
Control	2 x RS-422 Serial Control	VDCP Protocol, independent control of outputs 1 and 2 2 x RJ-45 connectors, RJ-45 to DB9 adapters
High-speed serial I/O	IEEE 1394	3 x 400 Mbps 6-wire copper connectors Isochronous streaming, asynchronous read/write
Reference	Reference Video	Derived from MEDIASERVER or REF LOOP connectors.
Environmental	Operating Temperature Humidity	+10C to +35C 10% to 80% non-condensing
Safety	UL/CUL	CAN/CSA C22.2 No. 950-95/UL1950, Third Edition.
CE	Low Voltage Directive (73/23/EEC) including amendments	EN60950: 1992, A1+A2+A3+A4 Safety of Information Technology Equipment
EMC	FCC Part 15, ICES-003 ICES-003 Directive of Electromagnetic Compatibility EN55022: 1998 EN55024: 1998 CISPR 22	Class A for Digital Equipment, USA Class A for Digital Equipment, Canada (89/336/EEC) including amendments Emissions from Information Technology Equipment Immunity for Information Technology Equipment Class A Others
MEDIAPORT Dimensions	W: 22.2 cm (8.75 inches) H: 4.4 cm (1.75 inches) D: 54.6 cm (21.5 inches) 55.4 cm (21.81 inches) 56.5 cm (22.25 inches)	Chassis only 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	2.7 kg. (6.0 lbs)	
Power	100-240 V, 50-60 Hz, .5 Amp	Universal Power Supply

MIP 1005 Description and Specifications (continued)

Note the following points regarding the MIP 1005:

- ¹ Single packet burst mode only for playback. Not applicable for record.
- ² Simultaneous record and playback is not allowed. The MIP 1005 is either recording or playing back. If the MIP 1005 is recording, the outputs are not available for playback. Two Players are required to control independent output streams 1 and 2.
- The MIP 1005 supports only transport streams on DVB/ASI inputs and outputs, and facilitates storage and playback of complete transport streams.
- The MIP 1005 accepts standard MPEG transport packets and records them with no interpretation or content manipulation. Streams are played out exactly as recorded, from front to back (including null packets). The playout stream may not be paused, reversed, or played at anything but 1x speed.
- 1RU tray (model **MRT 2001**) houses one or two MEDIAPORTS.

