



The VIDx 1810MX is the best gateway for video on demand multiplexing. Receive hundreds of programs from distributed VOD servers to your QAM.

Throughput

Aggregate nearly one gigabit of HD and SD on-demand programming in a single rack-unit

The VIDx platform is based on a powerful Intel packet processing engine that provides capacity to dynamically aggregate HD and SD programs, through an IP interface, to any of its 8 ASI ports.

Simplicity

The VIDx 1810MX is easy to deploy and maintain

With front panel controls and straight forward IP configuration, including a simple web or snmp interface, the 1810MX installs quickly and works with minimal operator assistance.

ReMux

With the 1810MX-R model, your multiplexes can be combined to form a larger multiplex

If your network already provides an IP stat-mux, you may benefit from combining up to four 38.8Mbps multiplexes into a single ASI for your QAM.

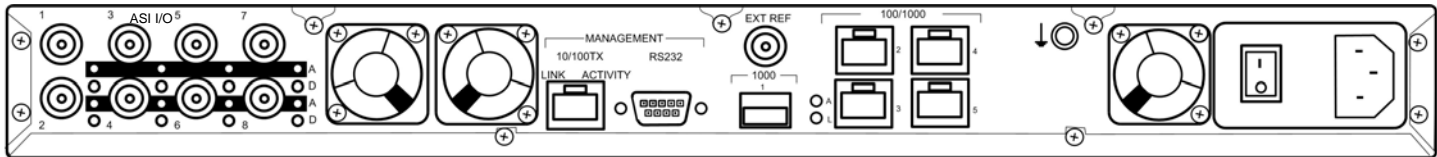


Reliability

Built to operate 24/7 for video-on-demand and simulcast applications

The VIDx 1810MX is the latest generation of IP/ASI adaptor, and is designed to work flawlessly in the highly dynamic environment of VOD. It was developed specifically for long-term use and fast replacement or repair, in the event that the device must be serviced. Thousands of VIDx products have been deployed in some of the nation's largest VOD configurations.

Rear Panel*



*AC model shown, DC available

Digital Video Interfaces

Type:	DVB-ASI (output)
Number of ports:	8
Connector:	Female BNC
Formats:	MPEG-2 transport stream (188 / 204 byte) containing MPEG-2, MPEG-4 (H.264) or VC-1 compressed video
Bitrate:	2—40Mbps per program, up to 213Mbps per ASI port

Network Interfaces

Type:	Fast/Gigabit Ethernet port configuration
Connector:	SFP module (1000 Base-X) RJ-45 copper (100/1000 BaseT)
Protocols:	IEEE802.3 Ethernet RTP, ARP, IPv4, IGMP v2/3, TCP/UDP
Formats:	MPEG-2 transport stream (188 byte)
Bitrate:	Max. 960 Mbps

Stream Processing

Clock Recovery:	Fast and adaptive clock acquisition and synchronization. Smart buffer for protection against network jitter (up to 250 ms). Precise PCR re-stamping.
MPEG-2 Program Translation:	Automatic configurable mapping of UDP port numbers to MPEG program numbers and PIDs. Automatic regeneration of MPEG-2 tables for output MPEG-2 MPTS.
MPEG-2 Mapping	Supports RTP/UDP/IP and UDP/IP encapsulation.
Processing Capacity	IP de-encapsulation up to 253 MPEG-2 SPTS

Control and Management

Type:	10/100 Fast Ethernet
Connector:	RJ-45
Protocols:	SNMP, FTP, Telnet, HTTP, SNMP
Features:	HTTP Web Interface. SNMP w/ traps for integration into Network Management System.
Configuration Interface:	1 RS-232 (male DB-9) serial interface

Chassis

Rack Size:	1 RU
Height:	1.75 inches
Width:	17.25 inches
Depth:	17.5 inches
Weight:	17 pounds
Operating Temperature:	32 to 131 F (0 to 50 C)
Operating Humidity:	10% to 95% non-condensing
Storage Temperature:	14 to 158 F (-10 to 70 C)
Certifications:	CE, UL and FCC certified, RoHS compliant
Input Voltage:	100—240 VAC 50-60 Hz 0.5 Amps -48V DC <i>optional</i>

Front Panel

Display:	2 lines by 24 characters
Interface:	12 numeric and 5 navigational buttons
Indicators:	4 LEDs: power, activity, fault, log

Option

ReMux feature: VIDx 1810MX-R

Path 1 continuously improves its product line and reserves the right to change product specifications without prior notice. Please contact Path 1 for the most recent product documentation.