

MX 504

IP MULTIPLEXER



Product Overview

MX504 IP Multiplexer is VideOption's latest multiplexing device for digital TV broadcasting head-end system with TS output through 4 bi-direction ASI and 3 bi-direction IP ports. It can multiplex up to 4 ASI and 513 IP input to 5 MPTS, and the amount of ASI output should be based on ASI input (ASI port can be used as input or output). MX504 IP multiplexer has the functions of supporting auto-generation of PSI/SI information, PID re-mapping, service filtering and PCR adjusting. In conclusion, its high integration and cost effective design make this device widely used in the CATV Broadcasting system.

Key Features

- ▶ ASI in/out: max 4 ASI input/output thru 4 bi-direction ASI ports (ASI direction can be defined as input or output manually)
- ▶ IP input: 513 IP in over UDP/RTP (256×2 IP in thru GE1 and GE2, 1 IP in thru Data port)
- ▶ IP output: 5 IP (MPTS) out over UDP/RTP (4 MPTS out thru GE1 and GE2, 1 MPTS out thru Data port)
- ▶ Support all input programs output bypass
- ▶ Support accurate PCR adjusting, PID filtering, re-mapping and PSI/SI rebuilding and editing
- ▶ Huge buffer memory for saving the overflowing code stream
- ▶ Web-based NMS management

Principle Chart



Specifications

Input / output	<p>4 bi-direction ASI ports: max 4 ASI input/output, BNC 75 ohm</p> <p>3 bi-direction Data ports (RJ45):</p> <p>513 IP input over UDP/RTP (256×2 IP in thru GE1 and GE2, 1 IP in thru Data port)</p> <p>5 IP (MPTS) output over UDP/RTP (4 MPTS out thru GE1 and GE2, 1 MPTS out thru Data port)</p> <p>100/1000Mbps self-adaption</p>	
	Packet format	204/188 self-adaption
Re-multiplex	Max PIDs	512 output per channel
	Functions	PID re-mapping
		PCR accurate adjusting
		Automatic generating PSI/SI table
PID transparent	Any PID transparent and mapping achievable	
System	Web management:10/100M NMS port	
	Language: English and Chinese	
	Ethernet software upgrade	
General	Dimensions	482mm×300mm×44mm (W×L×H)
	Weight	3.5kg
	Temperature	0~45℃ (operation), -20~80℃ (storage)
	Power supply	AC 110V±10%, 50/60Hz Or AC 220V±10%, 50/60Hz
	Consumption	≤40W