

M108C Multiplexer



Detailed Product Description

M108C multiplexer DVB mux & re-mux
8 ASI inputs
4 ASI outputs
TCP NMS

M108C multiplexer is Communicates third generation of embedded product which can multiplex 8 SPTS or MPTS into one MPTS with ASI output and optional telecom output interfaces DS3/E3.

The multiplexing of base band signal and additional data complies with ISO/IEC-13818 standard. The output interface of the multiplexer is DVB standard ASI interface. Integrated RJ45 Ethernet interface, M108C supports also TCI/IP protocol.

Main Features

- Multiplexing SPTS or MPTS into one MPTS (MPTS can be selected in whole or in part)
- Optional telecom output interfaces (DS3/E3)
- Multiplexing & re-multiplexing of the elementary streams. Two different elementary streams can be combined into a new service. The program with multi-audio can be decomposed into video service and audio service. Data elements and video /audio program can be combined into alternate mode.
- PSI/SI information analysis and editing function, input stream error warning.
- Recomposing program PID; accurately examining the actual input bit rate of each PID.
- Transmitting private PID; Updating STB with STB-Loader in the network.
- Choosing whether to send any table of PSI/SI information.
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Software Update

- Flash Hardware RS-232 Ethernet TCP/IP

Monitor

- Local Monitor buttons and LCD display screen

- Remote Monitor Ethernet TCP/IP and SNMP

General Features

- 1U, 4Kg
- 430mm(W) 44mm(H) 450mm(D)
- AC220V±10%, 50Hz, 30W

Technique Parameters

Input Interface		8 ASI interface, BNC
output Interface		2 ASI interface, BNC
Ethernet Interface		RJ45
Max Effective Data Rate		155Mbps
Impedance of Input / output Interface		75W
Package Length of Input / output		188 or 204 bytes
PCR Precision		<100 ns
ASI Input Interface Parameters	Input Range	200880 mV
ASI output Interface Parameters	Output Range	800±80 mV
	Rising Time	≤1200ps
	Descending Time	≤1200ps
	Fixing Jitter	≤10
PCR	PCR Jitter	-500~500ns
	PCR Space Between	0~40ms
PTS	PTS/PCR Delay	-500~1000 ms
	PTS Space Between	0~700 ms