

M108CS



There are 4 types of multiplexers in Communicate: M108C, M108CS, M208, M216, which support MPEG-2/H.264/AVS TS multiplexing and have obtained CE certificate. M108C, M108CS, M208 can multiplex 8 SPTS or MPTS into one MPTS with ASI/IP output and optional telecom output interfaces (DS3/E3).

M108CS multiplexer is built in with scrambling module that achieves DVB common scrambling. Complying with the DVB simulcrypton standard, it supports the scrambling based on the service and component. It complies with the DVB simulcrypton standard.

Main features

- Multiplexing of the elementary stream and manual reconfiguration services. Two different elementary streams can be combined into a new service. The program with multi-audio can be decomposed into video service and audio broadcast. Data elements and video/audio program can be combined into application mode of TV and data interchange
- Random data insertion and IP data input (supporting MPE, Data Piping protocol)
- PSI/SI information analysis extraction and editing function, input stream error warning, choosing whether to send any table of PSI/SI information
- PID filtering, re-mapping, detection, automatic revision function, transmitting private PID, and accurately examining the actual input bit rate of each PID
- Updating STB with STB-Loader in the net

- Open-loop statistical multiplexing, intelligent dynamic buffer allocation, better bandwidth protection
- Low delay, the delay less than 100ms for MPEG-2 program
- PCR adjustment, PCR precision<100 ns
- Real-time monitor of every input status, supporting remote update, powerful and friendly human-machine control and monitor interface
- Local monitor: buttons and LCD display screen
- Remote monitor : Ethernet (TCP/IP) and SNMP
- Software updates : Flash hardware, RS-232, TCP/IP

General features

- 1U, 6Kg
- 430mm(W) 44mm(H) 450mm(D)
- AC100V-240V, 50Hz/60Hz, 35W

Technique Parameters

M108CS	Characteristic	Standard 1 U Multiplexer with Scrambling
	Input	8 ASI (BNC,75Ω) Bit rate:155Mbps
	Output	4 ASI (BNC,75Ω) 2 multiplexing outputs and 2 multiplexing/scrambling outputs (scrambling or partial scrambling can be set)
		1 IP output (RJ45) (Option)
		Max effective data rate:155Mbps/Scrambling 58Mbps
Package length of input/output	Adaptive input188/204 byte; settable output188/204 byte	