SUNNISKY MUX100 DVB Multiplexer

SUNNISKY MUX100 is one economical TS stream multiplexer which could multiplex 8 TS streams, for example, MPEG-2 TS stream and other SPTS (single program transport stream) or MPTS (multiple program transport stream), and the other privacy data into two same or independent and different MPTS (Before order it, need to confirm if the two TS output is same or different) to output.

Because of the flexible modularized design, and the combination of PID-packet-exchanging technology, it can realize arbitrary switch from input to output, and can be extended to multiple-inputs and multiple-outputs switch multiplexing system. During the process of re-multiplexing for the whole input TS streams it can complete PSI/SI generation as well as re-edition, PID remapping, and PID filtering. Moreover, it also supports various input information and the other services of TS stream, i.e. ECM / EMM stream of CA （Conditional Access）system, PSI/SI tables, inserted EPG information, etc. By 10/100BaseT Ethernet, it can realize TCP-IP remote control, software upgrade.

SUNNISKY MUX100 is one economical equipment for a wide range of multiplexing applications which including DVB-C cable and digital terrestrial TV regional, MMDS headend system etc.

Feature

- Complies with DVB ETSI /EN 300 468 ETR290 standard
- Eight TS inputs which compatible with single channel SPTS and Multi Channel MPTS ASI stream, and performing the maximum Bit Rate 160Mb/s @ per channel input, also realizing arbitrary input TS backup
- Two same or different ASI outputs (Before order it, need to confirm if the two TS output is same or different)
- Output ASI package length 204 or 188 selectable
- PSI/SI generating automatically, or remapping manually
- PID filtering
- PCR modification function
- Editable partial PSI/SI information
- PSI/SI dynamic tables injector, including ECM \ EMM information of CA （Conditional Access）system and EPG to be inserted
- Connect with outside scrambler, and scramble specified service with flexibility
- LCD display and user friendly operation
- Automatically restored after power failure
- By 10/100BaseT ethernet, it can realize real-time remote control, software upgrade
- Low power consumption

Specification

ASI IN (TS Input)	
Input interface	DVB ASI*8, BNC, 75Ω
Input package length	188 or 204 self-adapting
Every input maximum Bit Rate	160Mbps
ASI OUTPUT (TS Output)	
Output interface	DVB ASI*2 (same or different TS output, and before order it, need to confirm if the two TS output is same or different, BNC, 75Ω
Output package length	188 or 204 selectable
Output maximum Bit Rate	100Mbps
PID package Exchange	
Input PID Amount	65535 (Max.)

Output PID Amount	65535 (Max.)
General	
Operating temperature	0°C~40°C
Power requirement	AC 90~260V，50Hz±2Hz，50W
Net weight	3Kg
Gross weight	4.5 Kg
Net Dimension	483mm×350mm×44mm
Dimension	550mm×510mm×170mm

Note: All specifications are subject to change without notice.