PR-3712 TUNER INPUT (PR-3712 ASI INPUT) MUX-SCRAMBLER

Outline

PR-3712 Tuner input (PR-3712A ASI input) multiplexer scrambler is the latest multiplexing and scrambling device for digital TV broadcasting head-end system. The mux-scrambler 2 groups of ASI output and 2 corresponding IP output (share one gigabit DATA port, RJ45 interface). In conclusion, its high integration and cost effective design make this device widely used in the Next Generation of CATV Broadcasting system.

Features

- **Fully comply with ISO13818 and EN300468 standard**
- **Integrated multiplexing and scrambling functions**
- **6 tuner inputs (tuner can be DVB-S/DVB-S2/DVB-C/ISDB-T)+2 ASI inputs or 8ASI input**
- **Support 2 channels TS re-multiplexing**
- **SPTS and MPTS code stream multiplexing**
- **Supports accurate PCR adjusting**
- **Support PID filtering, re-mapping**
- **Two groups(each group has 2 channels) separate TS output**
- **TS over UDP output as mirrors of ASI outputs(RJ45)**
- **Supports PSI/SI rebuilding, editing**
- **Supports DVB general scrambling system (ETR289), simulcrypt standards ETSI 101 197 and ETSI 103 197**

- **Support 4 different simulcrypt CAS**
- **Supports CAS remote connection scrambling**
- **Supports huge buffer memory and resists unexpected code stream**
- **Supports multiplexing the same program to all the output channels**
- **Alarming function**
- **Supports network remote upgrading**
- **LCD/keyboard and net management, support NMS/SNMP**

Specifications

Input interface	**Tuner**	6 tuners (DVB-S/ DVB-C / DVB-S2/ISDB-T optional)	**NDS3712**
	ASI	2 ASI	
		8ASI	**NDS3712A**
Re-multiplex		2 channels TS re-multiplex	
		PID re-mapping (auto/manual optional)	
		PCR accurate adjusting	
		Automatically generating PSI/SI table	
Input	**Packet format**	204/188 self-adaption	
Scrambling	**Simul-crypt CA**	4	
	Standard	ETR289, ETSI 101 197, ETSI 103 197	
	Connection	Local/Remote connect	
Output port	**ASI**	2 groups separate outputs (each group has 2 channels)	
	IP	TS over UDP output as mirror of ASI output (RJ45)	
PID	**Output range**	0x0000—0x1FFF	
	Amount of output PID per input	64	
NMS port	**Ethernet port**	10/100M	
Miscellaneous	**Demission(LxWxH)**	482mm×410mm×44mm	
	Weight	4kg	
	Temperature	0~45℃(operation) , -20~80℃(storage)	
	Power supply	AC 110V±10% , 50/60Hz Or AC 220V±10% , 50/60Hz	
	Consumption	≈18W	