

TS Receiver with Four Channels-4 Tuners / 4ASI output

The TS Receiver with Four Channels-4 Tuners / 4ASI output is a new compact (1RU only) chassis and cost-effective satellite TS receiver which is designed according to the DVB related standards. TS Receiver with Four Channels-4 Tuners / 4ASI output is a project-based satellite digital stream converter, which has 4 QPSK input ports and 4 ASI output ports. Fully comply with DVB-S/MPEG-2 standards, adopt today's most popular DVB-decoder chip SPHE1005A, and receive all non-encrypted digital programs at home and abroad, with ASI interface. Liquid crystal display and through local action buttons, or access via Ethernet link, users can view the device status, set the Tuner parameters, signal quality control and other related functions, easy operation, friendly interface.



Features

- Up to 4 QPSK input channels and 4 ASI output port
- SCPC/MCPC and C/Ku band compatible
- Compatible with MPEG-II and DVB-S
- Automatic forward error correction
- PAL / NTSC automatic identification
- Memory protection for power-fail
- Multi-languages and interfaces for choosing
- Signal strength, quality of instruction
- LNB dual polarization mode control
- Local keyboard control and LCD display, or access via Ethernet link

Application

- Receiving of digital TV programs from satellite

Compliant

- EN 50083-9
- ISO/IEC 13818-1
- ETSI TR 101 1 54
- ETSI TR 101 891



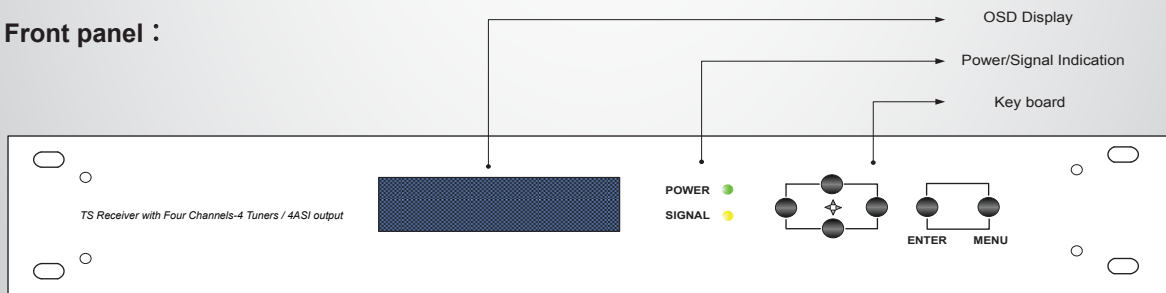
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Table 2 – Technical Specifications

Parameter	Symbol	Description	Unit	Remark
Mechanical dimension				
Height	H	42	mm	About 1U
Width	W	434	mm	About 17"
Depth	D	340	mm	
Input Signal and Demodulation Performance				
Operating Frequency Range	-	950~2150	MHz	
Receiving Signal Level Range	-	-65~-25	dBm	
RF Catching Range	-	±2.5	MHz	
Demodulation Mode	-	QPSK/SCPC/MCPC	NA	
Symbol Rate Range	-	2~ 45	Ms/s	
Eb/No	-	3.1	dB	
Channel Coding				
RS Coding	-	RS (204, 188)		
Convolution Interleaving Depth	-	I=12		
Square Root Raised Cosine Roll-off FIR Filter Coefficient	-	0.35		
Input Interface				
RF Signal Input	-	F Connector (with RF loopout)		
Output Interface				
Number of ASI output	-	4		
Impedance	-	75		
Connector	-	BNC	NA	
Effective bit rate	-	0~108	Mbps	Continuous adjustable (1Kbps interval)
TS packet format	-	188 or 204	Byte	
Transmission format	-	Data packet	NA	
Human-Computer interaction	-	LCD and OSD interface		

Front panel :



Rear panel :

