

Standard ASI Scrambler

Standard ASI Scrambler is a new compact (1RU only) chassis and cost-effective DVB simulcrypt scrambler. It has 2 ASI inputs (Max. bit rate of each channel up to 108Mbps), 2 ASI loop outputs and 2 ASI outputs. It has very convenient and friendly management interface, the user can complete all operation via local keyboard and LCD display on device, or access through the Ethernet port on device.



Features

- Support 2 to 4 CA Simulcrypt, compatible with multiple conditional access systems
- Support 2 ASI input interface and able to re-multiplex and scrambling single or multiple programs
- Input valid bit rate for ASI channel: 216Mbps (max)
- 10/100/1000Mbps Auto-Negotiation IP output (IP modules optional)
- PCR correction
- Filling null packet automatically, output bit rate invariableness
- NIT and TDT information can be edited and inserted.
- Failure alarming
- Memory protection for power-fail
- TS packet format input automatic detection and output configurable (188 or 204 bytes)
- Local keyboard control and LCD display, or access via Ethernet link

Application

- Digital TV headend system
- Scrambling for DVB programs

Compliant

- EN 50083-9
- ETSI TR 101 154
- ETSI TR 101 891
- EN 300 429
- ITU-T J.83A

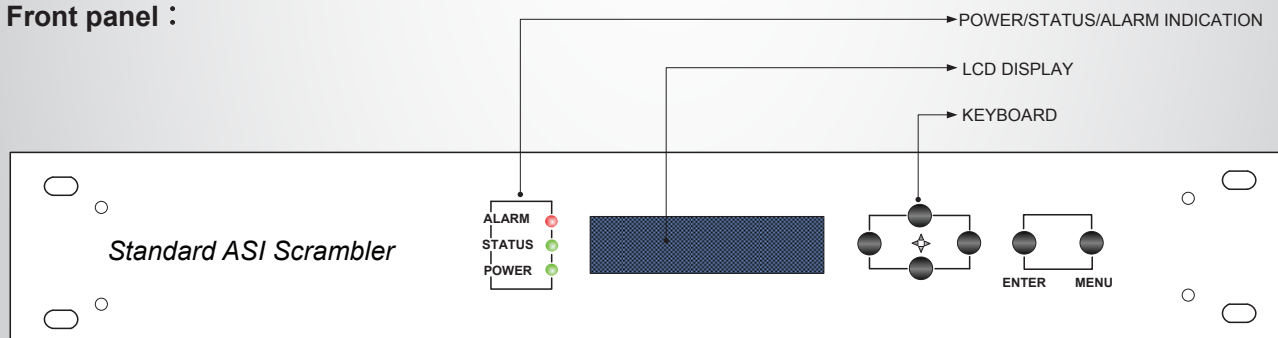


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Technical Specifications

Parameter	Symbol	Description	Unit	Remark
Mechanical dimension				
Height	H	42	mm	About 1U
Width	W	434	mm	About 17"
Depth	D	340	mm	
ASI Input(with loop output)				
Number of ASI input	-	2		
Impedance	-	75		
Connector	-	BNC	NA	
Maximum bit rate	-	108	Mbps	
TS packet format	-	188 or 204	Byte	Automatic detection
Transmission format	-	Data packet or data burst	NA	
ASI Output				
Number of ASI output	-	2		
Impedance	-	75		
Connector	-	BNC	NA	
Effective bit rate	-	≤216	Mbps	
IP Output				
Type	-	10/100/1000BASE-T	MHz	Auto-Negotiation
Connector	-	RJ45		
Max. bitrate	-	1.25	Gbps	
Max. throughput	-	108	Mbps	
Compatible protocol	-	IP V4, UDP, ARP		

Front panel :



Rear panel :

