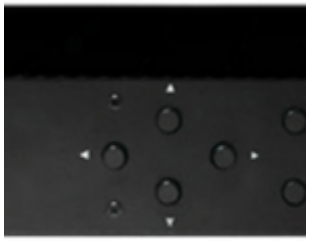
DVB-S/S2 8-ASI SCRAMBLER



DVB-S/S2 8-ASI Scrambler is professional solution for multichannel digital video broadcasting: it is broadcasting server with its own memory and integrated multiplexer, scrambler and modulator — all in one device — powerful conditional access system

Using our DVB-S/S2 8-ASI Scrambler (in which are integrated remultiplexer, scrambler and DVB-S/S2 modulator) you are able to organize digital CATV broadcasting network including PC channels monitoring system.

KEY FEATURES:

- DVB-S/S2 8-ASI Scrambler has integrated re-multiplexer with 8 ASI inputs — which allows you to form program packages from 8 independent transport streams for further broadcasting
- Supports both SD (Standard Definition) and HD (High Definition, 1920x1080i) channels, H.264 / H.265 standard
- Typical DVB-S/S2 set-top-boxes can be used as subscribers' receivers
- 90% of STBs support the working with DVB-S/S2 8-ASI Scrambler
- Connection to PC for management: Ethernet (100 Mbit /s), RJ45
- 1Gbit data port for 5 IP outputs (UDP/RTP protocol)

MAIN FUNCTIONS:

- Works 24/7/365
- Supports state-of-art broadcasting standards
- Automatic and manual PID insertion
- EPG, OTA, LCN support, Network search
- Generation of output stream with up to 92 PID selected from 8 ASI inputs

- Optional enabling/disabling of stuffing in the IP output
- Supports QPSK, 8PSK and (as option) 16APSK constellation types
- The ability to set the frequency of the output IF signal in the range of 100-2400 MHz
- All settings, including DVB-S/S2-mode switching and upgrading, are carried out via LAN (Ethernet 100)
- 5 IP outputs can be used for IP streaming by UPD/RTP protocol, as well as for output or input TS monitoring at your PC
- Parameters indication on the LCD
- Quick replacement of the device in the system without stream rescan

Inputs/Outputs	
Input interface	8×DVB-ASI inputs, 4×IP inputs
Output interface	2×DVB-ASI outputs, 1×RF output, 5×IP outputs
Modulation parameters	
Modulation type	QPSK/8PSK (16APSK by order)
Output RF signal frequency range	950 – 2150 MHz
Symbol rate	6.75-35 Msym/s (41 fixed values) from 10/06/2019 released new value: 44 Msym/s
FEC	for QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 for 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
Roll-off factor	0.2, 0.25, 0.35
Output RF signal level, max	110 dBuV
Attenuation of the output RF signal level	0…-47dB
IP stream	
IP	RTP, UDP protocol support

Power Supply	
Power	~220V+-20%
Power Consumption	Max 20 W
Others	
Size	19″, 1U transport mode: 440×49×243 (mm) operating mode: 483×49×243 (mm)
Weight	3.4 Kg

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.

Note! All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.