



Dvb-s/s2 8asi scrambler v2.0



The DVB-S/S2 8ASI scrambler is a multifunctional device intended for multichannel DVB-S/S2 broadcasting. It provides TS remultiplexing, scrambling and modulating.

KEY FEATURES:

- The processor remultiplexes up to 8 input Transport Streams and forms a program package in the DVB-S or DVB-S2 format with RF output.
- Standard SD / HD DVB-S/S2 receivers and DVB-S/S2 TV-sets can be used as subscriber receivers.
- IP output can be used to transport the package via IP network, as well as monitor output or input stream at your PC.

MAIN FUNCTIONS:

- MPEG-2, MPEG-4/AVC, HD / SD and 3D support;
- 90% of STBs support the working with DVB-S/S2 8ASI Scrambler V2.0;
- 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 stuffing pack switch off at the IP output;
- Connection to PC: Ethernet (100 Mbit /s), RJ45;
- Parameters indication on LCD;
- Software update/upgrade;
- Quick replacement of the device in the system without stream rescan.

ASSOCIATED EQUIPMENT:

| | |
|---|---|
| Subscribers card can be programmed | Subscribers card |
|  |  |
| <u>CAS CARD PROGRAMMER</u> | <u>SUBSCRIBER CAS CARD</u> |

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 |
| 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 |
| Rolloff factor | 0.2, 0.25, 0.35 |
| Output RF Signal Level | 110 dBuV with attenuation up to -47dB |
| IP stream | |
| IP | RTP, UDP protocol support |
| Power Supply | |
| Power | ~220V+/-20% |
| Power Consumption | Max 20 W |
| Others | |
| Size | 19", 1U transport mode: 443×49×245 (mm) operating mode: 480×49×245 (mm) |
| Weight | 3.3 Kg |

Taking into consideration that we (ROKS PrJSC) 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.