

8ASI DVB-C 1RF/ 2RF/ 4RF Processor

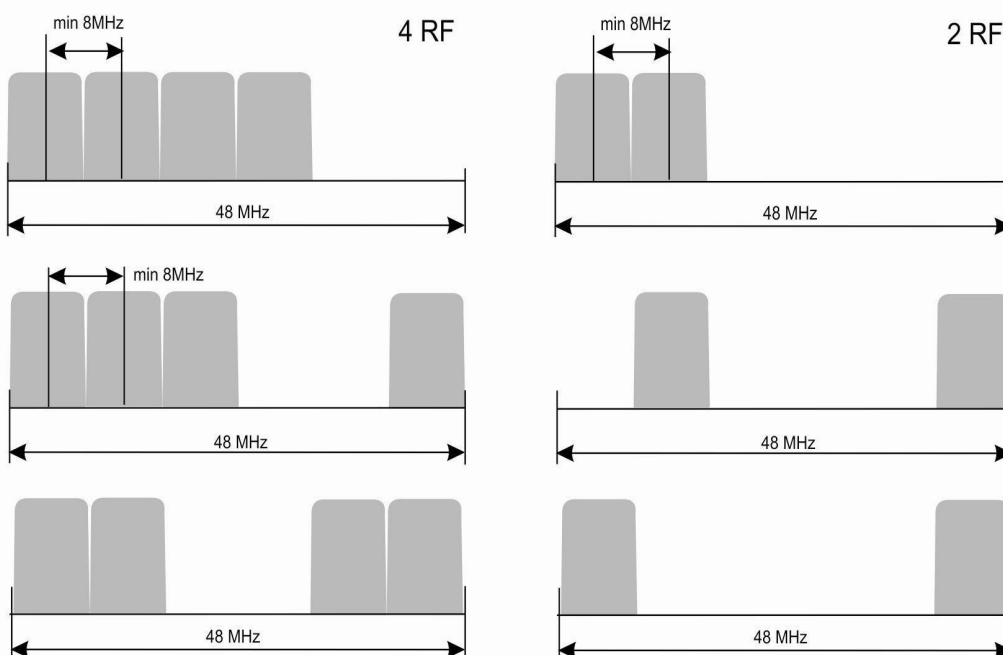


The 8ASI DVB-C 1RF/2RF/4RF Processor is a multifunctional device intended for multichannel digital TV broadcasting. It provides TS remultiplexing, scrambling, QAM modulating and Up-converting. The Processor has been designed for use in cable TV network and it is especially convenient for hotels and cottage settlements networks due to its ease of operation and cost effectiveness.

Key features:

- The processor remultiplexes up to 8 input Transport Streams and forms a group spectrum of up to 4 packages in the DVB-C format with RF output.
- Standard SD/ HD DVB-C receivers and DVB-C TV-sets can be used as subscriber receivers.
- IP output can be used to transport one of the packages via IP network or monitor one of the packages chosen from output or input stream at your PC.
- The Processor can be used with analog cable network equipment when both the analog and digital signals are simulcasted.

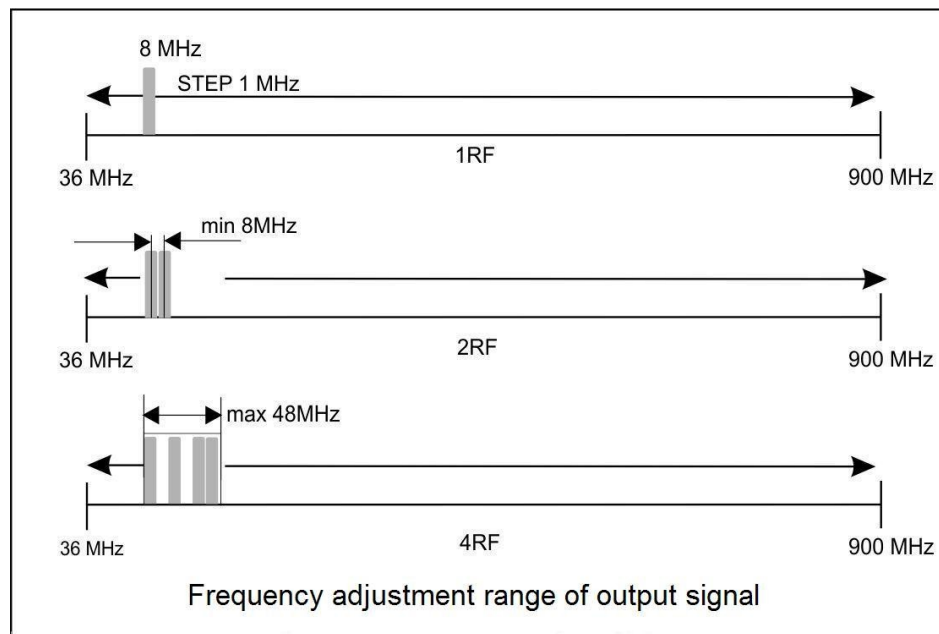
One Processor allows you to organize a small CATV network for broadcasting about 30 programs including a system for monitoring of channels on your PC. The Processor can replace the four remultiplexers, four scramblers, four DVB-C Modulators and four UP-converters.



Examples of spectrum settings for each TS within 48MHz bandwidth

Main functions:

- MPEG-2, MPEG-4/AVC, HD / SD and 3D support;
- DVCrypt CAS support;
- Automatic and manual PID insertion;
- EPG, OTA, LCN support, Network Search;
- Adjustable symbol rate and level of the output RF signal;
- Up to four carriers can be set within 36-900 MHz range, subcarrier frequency can be set within 48 MHz;
- Connection to PC: Ethernet (100 Mbit /s), RJ45.
- Software update/upgrade ;
- Quick replacement of the device in the system without stream rescan.



SPECIFICATION:

- INPUT INTERFACE : eight DVB-ASI inputs;
- OUTPUT INTERFACE : two DVB-ASI outputs, one RF output, one 100M IP output;
- Frequency range: 36-900 MHz;
- Modulation type: QAM; constellation 32/64/128/256;
- Output signal bandwidth: less 8 MHz;
- Adjustable symbol rate: 1-6.9 Msym/s, 1ksym/s step;
- Output RF signal level: 100 dB/uV, adjustment -10dB/uV;
- IP: RTP, UDP, RTP+ protocol support;
- Power: ~220V+/-20%;
- Power Consumption: Max 18W;
- Size: 19``, 1U 480*45*180 (mm);
- Weight: 3,5 Kg.

