



DVB IP-GATEWAY

# IGS-8008

Multiprotocol IPTV Streamer with 8 Tuner Inputs

- IP / Ethernet
- DVB-S2X
- DVB-C
- DVB-T/T2
- ISDB-T
- SRT
- RTMP
- QAM

Model designation as per manufacturer reference

## Overview

The VIZOBOX IGS-8008 is a DVB-to-IP gateway that receives satellite, cable or terrestrial transponders and streams them as SPTS/MPTS over IP for IPTV distribution.

## Key Features & Applications

- ✓ Multiprotocol IPTV Streamer with 8 Tuner Inputs
- ✓ by UDP/RTP/RTSP/RTMP/HLS/HTTP/SRT protocols selectable. It is flexible designed for
- ✓ as DVB-S/S2/S2X or optional with Multi-Tuner for DVB-C/DVB-T/DVB-T2/ ISDB-T reception.
- ✓ FTA DVB-S/S2/S2X or Option: DVB-C/DVB-T/DVB-T2/ ISDB-Tb Tuner inputs
- ✓ Multi-protocol IP outputs over UDP/RTP/RTSP/RTMP/HLS/HTTP/SRT via RJ45 OUT port
- ✓ 100Mbps-400Mbps data processing for IPTV2 OUT GbE-port
- ✓ Remote reboot in Web GUI management supported, simple updating via web-browser
- ✓ Embedded BISS descrambling, dynamic PMT and EIT demultiplexing supported
- ✓ The IGS-8008 is an 8x DVB-S2x Tuner – IP-Streamer with multi-protocol IP Output Streams
- ✓ different Tuner/ Demodulator combinations to receive Satellite DVB FTA RF-Signals, such
- ✓ Standard Version with 8 DVB-S Tuner: IGS-8008.
- ✓ For T2 deployments: DVB-S2 Multistream (DVB-T2 TS combinations) demultiplexing and streaming
- ✓ max 64 SPTS output streams, limited to the IPTV2 OUT property and protocols
- ✓ Order Option: Multi-type for different Tuner/Demodulator combinations
- ✓ HTTPS support for secure management Web-Access
- ✓ Block Diagram

## Technical Specifications

<b>Input Standard Version:</b>	8 Tuner input, F Type, 75 Ohm, DVB-S2x Multistream-Support
<b>Streaming out:</b>	SPTS out over UDP/RTP/RTSP/RTMP/HLS/HTTP/SRT
<b>Tuner input (standard):</b>	DVB-S/S2/S2X
<b>Symbol rate:</b>	QPSK/8PSK/16APSK 0.5...45 MSps; 8APSK/32APSK: 0.5...40 MSps
<b>Input Frequency:</b>	950-2150MHz
<b>DVB-S Constellation:</b>	QPSK
<b>FEC Demodulation:</b>	1/2, 2/3, 3/4, 5/6, 7/8
<b>DVB-S2:</b>	QPSK/8PSK/16APSK/32APSK
<b>FEC</b>	QPSK: · 1/2, 2/3, 3/4, 5/6, 3/5, 4/5, 8/9, 9/10
<b>8PSK:</b>	3/5, 2/3, 3/4, 5/6, 8/9, 9/10
<b>16APSK:</b>	2/3, 3/4, 4/5, 5/6, 8/9, 9/10
<b>32APSK:</b>	3/4, 4/5, 5/6, 8/9, 9/10
<b>DVB-S2X:</b>	QPSK/8PSK/8APSK/16APSK/32APSK

<b>FEC</b>	QPSK: · 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 13/45, 9/20, 11/20
<b>8PSK:</b>	3/5, 2/3, 3/4, 5/6, 8/9, 9/10, 23/36, 25/36, 13/18
<b>8APSK:</b>	5/9-L, 26/45-L
<b>16APSK:</b>	2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 1/2-L, 8/15-L, 5/9-L, 26/45, 3/5, 3/5-L, 28/45, 23/36, 2/3-L, 25/36, 13/18, 7/9, 77/90
<b>32APSK:</b>	3/4, 4/5, 5/6, 8/9, 2/3-L, 32/45, 11/15, 7/9, 9/10
<b>Functions:</b>	DiSEqC · PLS, Multistreaming
<b>Multiplexing function:</b>	Maximum PID Remapping: 256
<b>PID remapping</b>	automatically or manually
<b>generate</b>	PSI/ SI table · Automatically, dynamic PMT, EIT demux support
<b>Descrambling:</b>	BISS embedded · Mode 1, Mode E
<b>Order Guide:</b>	V 1: · no loop out for RF in
<b>V 2:</b>	with loop out for RF in
<b>Order Option 2:</b>	8x DVB Tuner · DVB-C/T/T2/ISDB-Tb to IP
<b>Tuner input:</b>	8 Tuner · F Type, 75 Ohm
<b>Selectable</b>	DVB-C (J.83 A/C)/J.83B/ DVB-T/DVB-T2/ISDB-T
<b>Input Frequency:</b>	60MHz...890MHz
<b>Stream out:</b>	SPTS out over UDP/RTP/RTSP/RTMP/HLS/HTTP/SRT
<b>DVB-C (J.83 A/C); J.83B</b>	Symbol rate: · 1000...9000Ksps
<b>Constellation:</b>	16/32/64/128/256 QAM; 64/256 QAM for J.83B
<b>DVB-T/T2</b>	Frequency In: · 60MHz...890MHz
<b>Bandwidth:</b>	5/6/7/8MHz
<b>ISDB-T</b>	Input Frequency: · 60-890MHz
<b>Product spec.:</b>	Dimension(W×L×H): 367mm×482mm×44mm
<b>Environmental:</b>	0...45°C(work); -20...80°C (Storage)
<b>Power supply:</b>	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz



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