



DVB IP-GATEWAY

# IGS-900

16 Transponder DVB to IP Gateway

ASI

IP / Ethernet

DVB-C

DVB-T/T2

DiSEqC

Model designation as per manufacturer reference

## Overview

The VIZOBOX IGS-900 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

- ✓ 16 Tuner inputs DVB-S/S2/S2x (DVB-C, DVB-T/T2 optional)
- ✓ IP (512 SPTS or 16 MPTS) over UDP, RTP / RTSP output has 16 DVB-S/S2x tuners
- ✓ DiSEqC support for up to 4 Satellites and de-multiplexing
- ✓ 2 independent GbE output port, GE1 + GE2 (MPTS)
- ✓ PID filtering and re-mapping (SPTS), CA-Filter
- ✓ "Null PKT Filter" function (MPTS)
- ✓ 2 ASI inputs
- ✓ BISS descrambling (DVB-C, DVB-T/T2 optional)
- ✓ 2 GbE mirrored output, up to 850 Mbps (SPTS) functions in 1RU chassis
- ✓ Accurate PCR adjusting (SPTS) output.
- ✓ PSI/SI rebuilding and editing (SPTS) SPTS or MPTS can be
- ✓ WEB-IF management 2 ASI inputs.

## Technical Specifications

function is built in. It has DiSEqC Support for selecting up to 4 different satellite positions. CA Filter and PID- Remapping as well as PID excluding (depending on mode) IGS 900 Mode 1: 16 DVB-S/S2x tuners input +2 ASI input --- SPTS output

<b>Input (DVB-S/S2/S2X)</b>	Mode 2: 14 DVB-S/S2x tuners input +2 ASI input --- MPTS output
<b>Mode 3: 16 DVB-S/S2x tuners input --- MPTS output</b>	DVB-C/T/T2 upon request
<b>Input Frequency</b>	950-2150 MHz QPSK/ 8PSK /16APSK: 0.5...45 MSps
<b>Symbol rate</b>	8APSK: 0.5...40MSps 32APSK: 0.5...34MSps
<b>Tuner Section</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>(DVB-S/S2/S2X)</b>	8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 8APSK: 5/9-L, 26/45-L FEC/Code rate 16APSK: 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 32APSK: 3/4, 4/5, 5/6, 8/9, 9/10, 2/3-L, 32/45, 11/15, 7/9
<b>Constellation</b>	QPSK, 8PSK, 8APSK, 16APSK, 32APSK 512 SPTS IP mirrored output over UDP and RTP/RTSP protocol through GE1 and GE2 port, Unicast and Multicast Output 16 MPTS IP output (for Tuner passthrough) over UDP and RTP/RTSP protocol through GE1 and GE2 port, Unicast and Multicast
<b>BISS descrambling</b>	Mode 1, Mode E (Up to 850 Mbps) (descramble individual program)
<b>Dimensions (W×L×H)</b>	482 mm×410 mm×44 mm
<b>Approx. Weight</b>	3.6 kg
<b>Miscellaneous</b>	Environment · 0...45°C (Operation); -20...80°C (Storage)
<b>Power requirements</b>	100...240VAC, 50/60Hz
<b>Power consumption</b>	20W

