



IP TRANSCODER

# BIG-1050X

Stream Protocol Converter

IP / Ethernet

SRT

RTMP

Model designation as per manufacturer reference

## Overview

The VIZOBOX BIG-1050X is an IP-to-IP transcoder that converts and adapts live streams between codecs and protocols for flexible content delivery.

## Key Features & Applications

- UDP/RTP Multicasts
- UDP-Multicast, UDP-Unicast, TCP (private), RTP resolution, etc.
- DVB and IPTV conform
- Conversion between Unicast and Multicast
- Unicasts: RTSP, SRT, RTMP, HTTP, HLS, FLV
- SPTS and MPTS
- Remote control by Web-Interface
- Dual redundant power supplies
- Output HLS-http will be installed optional by license

## Technical Specifications

INPUT	
<input type="checkbox"/>	Interface: 6x 1000M/100M/10Mb/s RJ45, Full Duplex
<input type="checkbox"/>	MPTS/SPTS TS/IP Input Bit Rate: max. 800Mbps per RJ45
<input type="checkbox"/>	Data Protocol: TCP, UDP, ICMP, IGMP V1, V2, V3,
<input type="checkbox"/>	IP Protocols Unicast, Multicast: UDP, RTP, SRT, HTTP, RTSP, RTMP(s), FLV, HLS (HTTP Live Streaming) MONITORING / MODIFYING
<input type="checkbox"/>	Input: SPTS / MPTS
<input type="checkbox"/>	Null package process: Null packet pass through and insert (CBR)
<input type="checkbox"/>	Monitoring: Live Services, PSI/SI, PCR
<input type="checkbox"/>	Maximum bitrate: 100Mbps each
<input type="checkbox"/>	Maximum TS count: 50 (100) input TS Streams + 50 (100) output TS Streams
OUTPUT	
<input type="checkbox"/>	Interface: 6x 1000/100/10Mbs RJ45, Full Duplex
<input type="checkbox"/>	TS/IP Input Bit Rate: 800Mbps per RJ45
<input type="checkbox"/>	Data Protocol: UDP, SRT, TCP
<input type="checkbox"/>	IP addressing: Unicast, Multicast
<input type="checkbox"/>	Type: IP Streaming, DVB conform remuxed streams CONTROL & MONITORING
<input type="checkbox"/>	Interface: 6x RJ45, 1000/100/10Mbit/s
<input type="checkbox"/>	Protocol: HTTP Web GUI, Captcha
GENERAL	
<input type="checkbox"/>	Dimensions: BIG-1100X: 430 mm x 335 mm x 44 mm, 19" 1RU (BIG-1050X 430x260x44mm =

□	Approx weight: 5 (8,7) kg
□	Power: 2x AC 110V~240V, 6,4A, 47~63 Hz
□	Power consumption: max. 500W (750W BIG-1100X)
□	Temperature: 5~45 °C (operation), -10~65 °C (storage)



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