

WISI GIBLT 224 S

200 series MPEG-2 output: High-quality, cost-effective HD & SD IP video transcoding & transrating



Description

The BlueLine Transcoder Series (BLT), is a high-quality, cost effective IP video transcoding platform. The BLT series features affordable MPEG-2 and MPEG-4 AVC IP transcoding in 1 power-saving RU, with density options for up to 24 channels. Validated against thousands of broadcast streams worldwide, the BLT offers a variety of models to transcode, transrate or downscale HD and SD sources. Supported features include multilingual DVB subtitle burn-in and optional high-density audio transcoding. With the BLT series, operators can affordably launch new HD and SD programs in cable or IPTV headends.

At a glance:

- Affordable MPEG-2/MPEG-4 AVC IP transcoding in 1RU
- Award-winning hardware transcoding engine, validated against thousands of broadcast streams worldwide
- HD models for 12, 8 or 4 programs or SD models for 24, 16 or 8
- Dedicated video processors provide consistent density and performance, unlike software transcoders
- Automated handling and recovery of "challenging" video sources and impaired broadcast signals
- DVB Subtitle burn-in & multi-lingual audio PID pass through
- Optional High-Density audio transcoding: Dolby Digital 5.1, AAC and MPEG Audio
- Low energy footprint, less than 120 W per chassis

Technical data

Input MPEG-2 SD	24 pcs.
Output MPEG-2 SD	24 pcs.
Transport Stream Processing	
Inputs, IP Multicast/Unicast UDP	MPEG2-Transport Stream SPTS or Demultiplex from MPTS
Outputs, IP Multicast/Unicast UDP	MPEG2-Transport Stream SPTS
Resolutions and Frame Rates	1080i25, 720p50, 576i25, and other major broadcast formats
Input Video Payload	MPEG2/MPEG-4 AVC (H.264)
Output Video Payload	MPEG-2
Transport Stream Optimizations	PID and Program Filter and Remap, Jitter Correction, Strip Null Padding

Management & Connectivity

Configuration:	Web-based user interface
Management	1000 Base-T
Video	2 x 1000 Base-T

Audio & Multi-lingual Support

Audio PID Pass-through	Up to 10 per program
DVB Subtitle Burn-in	Supported in all models
DVB Subtitle PID	Passed through if present in source (can be filtered out)
SCTE 35 Ad Markers	Passed through if present in source
Data PIDs	Passed through if present in source (can be filtered out)

Optional Audio Transcode License (must be purchased per stream)

Source Codecs	Dolby AC-3 or EAC-3, AAC (ADTS & LATM), MPEG Audio
Source Channels	7.1, 5.1, 2.0, 1.0
Output Codecs	AAC (ADTS & LATM), MPEG Audio, Dolby AC-3
Output Channels	2.0, 1.0

General data

Type	Single Universal Unit
Supply voltage	100...240 V AC (50/60 Hz)
Power	<120 W Typical
Mounting	19" Rack, 1 RU
Dimensions	431 x 44 x 468 mm
Weight	7 kg
Operating temperature range	0...40 °C
EMC Standards	EN 50083-2:2012
Safety standards	EN 60065:2014

Packaging data

Sales unit	pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056755966
Article number	75596
Customs tariff number	85176200