



Transrate and stream broadcast-quality video

This equipment is a video transrater H264/AVC HD/SD. It enables to transrate H264 broadcast-quality video at data rates from 2 to 20Mb/s.

With 1TB storage capacity, LiveStream Transrater HD/SD can store, read, stream and transrate videos.

Three Gigabit Ethernet ports enable flexibility for Broadcaster, Telco's and Contribution Operators.






















LiveStream Transrater HD/SD is a flexible solution that fits easily to costs and needs.

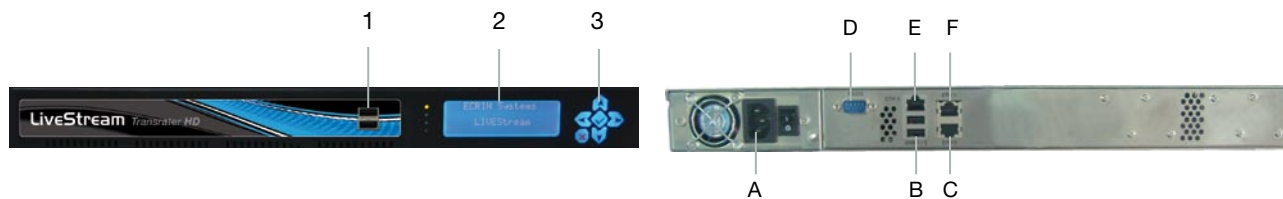
Following 1U/19" specifications, it provides transrating functionality in a compact footprint.

Full redundancy, SNMP management and low power consumption technology ensure a high level of security and reliability.

Local and web remote MMI allow easy configuration and control.

Features

 >  > 	Read H264 video from HDD and stream to IP
 >  > 	Read H264 video from IP and store to HDD
 >  > 	Encode, decode XLR AES-EBU or embedded audio. MPEG1 Layer 2, AC3, AAC supported
 >  > 	Read H264 video from HDD, transrate to H264 with lower rate and stream to IP
 >  > 	Read H264 video from HDD, transrate to H264 with lower rate and store to HDD
 >  > 	Read H264 video from IP, transrate to H264 with lower rate and stream to IP
 >  > 	Read H264 video from IP, transrate to H264 with lower rate and store to HDD



- 1 - USB ports 2.0 (x2)
- 2 - 4 lines of 20 characters display
- 3 - Keyboard - On/Off, Reset, User utilities

- A - Power inlet
- B - USB 2.0 ports (x2)
- C - Gigabit Ethernet Port (ETH0)
- D - RS422 Port
- E - Gigabit Ethernet Port (ETH2)
- F - Gigabit Ethernet Port (ETH1)

Technical features

FUNCTION	Transrating: 1 channel
AUDIO/VIDEO INPUT	H.264 in MPEG2 Transport Stream over UDP-RTP/IP or HDD
AUDIO/VIDEO OUTPUT	H.264 in MPEG2 Transport Stream over UDP-RTP/IP or HDD
VIDEO RESOLUTIONS	1920x1080 59.94i, 1920x1080 50i, 1280x720 59.94p, 720x480 59.94i, 720x576 50i
VIDEO SPECIFICATIONS	Standard compression: H264/AVC Main Profil Level 3.0, High Profil Level 4.0 - Downscaling: HD to SD - CBR, VBR - 4:2:0 encoding - Video encoding rate: 2 to 20 Mb/s
AUDIO SPECIFICATIONS	Encoding/decoding formats: - MPEG-1 Audio Layer 2 - Dolby Digital (AC-3*) 2-ch - MPEG-2 AAC (LC profile) 2-ch - LPCM 2-ch
IP INPUT/OUTPUT	3 GbE RJ45, RTP-UDP/IP, Unicast/Multicast Stream up to 20 different IP addresses
STORAGE	1TBytes SATA disk
MANAGEMENT	Remote: Web based management, SNMPv3 manageable Local MMI / LCD-Keypad Security: Fan control, Temperature control Presets: Up to 64 different transcoding profiles Wake on LAN RS422 Automation
DIMENSIONS/WEIGHT	19", 1RU, 43.9 cm depth/ 7,9 kg
POWER SUPPLY/CONSUMPTION	Input Voltage Range: 90-264VAC Power consumption: (Max) 80W, 1 channel
ENVIRONMENTALS	Temperature: Operating 0°C to 50°C, Storage -20°C to 70°C, Humidity 85% non condensing
CE COMPLIANCE	EMC: EN55022, EN55024 Safety: EN 60950

Ordering informations

TRA-HD: SD/HD transrater