



Streamron IPTV Getaway Technical Specifications

FEATURES

Management & monitoring

- Web management
- Dedicated Streaming NIC
- Link Aggregation (bonding)

Live Streamer Features

- EPG (EIT) Pass-Through (Electronic Program Guide)
- Teletext Pass-Through
- Track (PID) Filtering
- EIT to XMLTV Converter
- CAM Support (DVB-CI)

Live Streamer Input - capture sources

- DVB-S (digital satellite)
- DVB-S2 (digital satellite)
- DVB-C (digital cable)
- DVB-C2 (digital cable)
- DVB-T (digital terrestrial)
- DVB-T2 (digital terrestrial)
- ATSC (digital satellite, terrestrial, cable)
- Analogue TV capture cards (composite, S-video, antenna - RF in UHF/VHF range)
- FM Radio cards
- LAN and WAN networks (ShoutCast and IceCast audio streams, MMS and Motion JPEG (M-JPEG) formats)
- Transport Stream over UDP socket (IPTV streams)

Output media formats

- MPEG-2 Transport Stream (different codecs)
- UDP or RTP
- Unicast or Multicast

Supported Codecs

- MPEG-2 Video
- MPEG-4 AVC (H.264) Video
- AC3 Audio (Dolby)
- AAC Audio
- MPEG-1 Audio
- MPEG-2 Audio (MPEG-2/4)

Video standards

- MPEG-2 Video
- H.264/AVC (MPEG-4 Part 10)
- HD TV formats: 720p, 1080i, 1080p
- SD TV Formats: PAL, NTSC, SECAM

Audio standards

- MP2 (MPEG-2 Audio)
- MP3 (MPEG-1 Layer 3)
- AC3 (Dolby Digital)
- AAC (MPEG-2 Part 7 / MPEG-4 Part 3)

Network standards

- UDP
- RTP
- IGMP

Other standards

- MPEG-2 Transport Stream
- DVB Common Interface (EN 50221)
- DVB Service Information
- DiSEqC (Satellite Multi-Switch)

Physical IPTV Gateway Server

- up to 18 slots for a/capture cards
- up to 36 a/v tuners
- third party physical servers
- 2 Ethernet interfaces (for system management and streaming)
- Linux OS

