

H.264 VIDEO STREAMER AND RECORDER

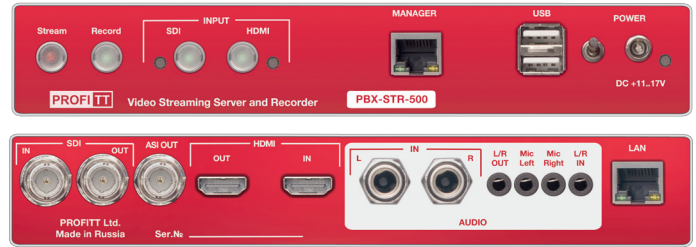
H.264 WEB IPTV

PBX-STR-500 is a compact SDI and HDMI **H.264** streamer and recorder designed for **broadcast applications**.

The module can **stream** the live event and **record** its master quality version for post-event editing. Dedicated TSolP port provide zero-jitter output for unicast or multicast.

Two channels of audio are deembedded from SDI/HDMI inputs. PBX-STR-500 also have line audio and microphone inputs. User can select **either source** of external microphone for the program audio.

Integrated **cross converter** provide inputs to be converter to desired standard.



- ▶ **STANDALONE LIVE STREAMER**
- ▶ **COMPATIBLE WITH POPULAR CDNs**
- ▶ **HIGH QUALITY LOCAL RECORDING**
- ▶ **INTEGRATED CROSS CONVERTER**

TECH SPECIFICATIONS

Video inputs/outputs
1 x BNC SDI input, 1 x BNC SDI output pass through
1 x HDMI 1.4a input, 1 x HDMI 1.4a monitor output
1 x BNC ASI output
Video input formats
1080p/50/59
1080i50/59
720p50/59
525i59, 625i50
Video Encoder
H.264 according to MPEG-4 AVC Part 10; ISO/IEC 14496-10
High, Main and Baseline profile support, level 4.2, 4.0
Bit Rate: up to 16 Mbps
Audio Encoder
MPEG-4 AAC LC, stereo
MPEG-1 Layer II, stereo
Bit Rate: 32 kbps to 256 kbps
Audio I/O
2 x 6.35 mm jack balanced audio
2 x 3.5 mm stereo jack
1 x 3.5 mm jack microphone input
Size
200 x 100 x 33.5 mm, 1 kg

APPLICATIONS

- Live streaming using RTMP
- Streaming to CDN
- Multicast feed for IP contribution
- Backup recording

FEATURES

- **Seamless switching** between SDI and HDMI sources
- Up to 3G-SDI and HDMI inputs
- Build-in **luma key** for channel branding
- Cross converter
- Program HDMI output
- Flexible video scaler's presets for streaming out
- Audio inputs: embedded or external audio source
- Balanced and unbalanced audio inputs selection
- Microphone input
- Supported streaming formats: **UDP, RTP, RTMP**
- Unicast and multicast support
- DVB-ASI output
- **Web interface** for configuration
- Front panel control