ITTELECOM.CO

Features:

- Up to 1080P 60 (Minimum 320*180), 3.5MM line-in audio
- AVC H.264 MPEG-4
- H.264 high/ main/ baseline profile

ITT-MC9570 is high embedded hardware for FHD HDMI over IP required scenario like IPTV, Video streaming, live broadcasting, tele-education, telemedicine etc.
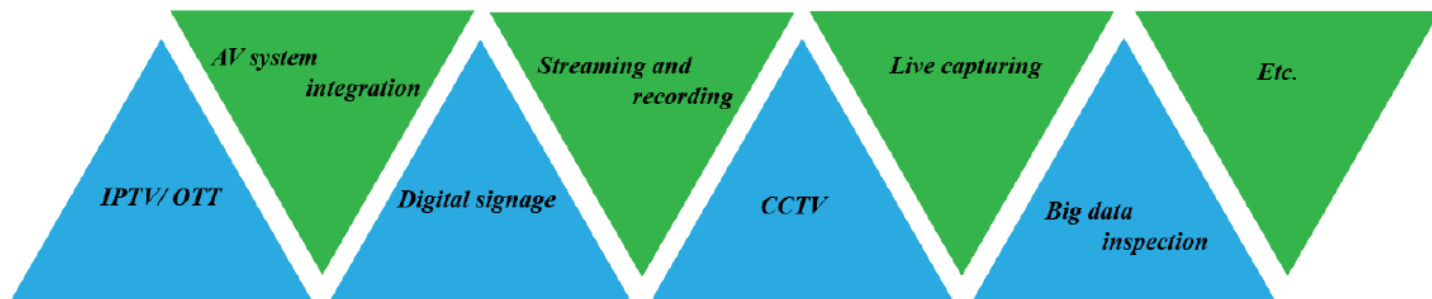
The encoders are based on the itt-mc9570 high embedded PCB board, it allowed to receive the FHD video from HDMI sources, and line in audio from 3.5mm composite Jack(active sources required), then send the streams over IP protocol like RTSP over UDP & TCP/ RTMP/ HTTP/ UDP Unicast Multicast/ ONVIF/ RTP/ HLS, ittelecom proprietary protocol, P-P available as optional, if special network protocol customization please consult ittelecom. With high performance processor and years of experience in video processing industry, the encoders are available to receive the signal from HDMI sources (up to 1080 60, blue ray supported, optional HDCP); then stably stream (push/ pull, support 1080P 30/60FPS (default 30FPS) out) to video platforms like YouTube,facebook, twitch, wowza, vmix, OBS….

Smart encoding- The function for smooth stream/ bitrate, with this arithmetic, the encoder will automatically detect the video fluctuation, then automatically modify the video bit and to make sure the video quality and completeness.
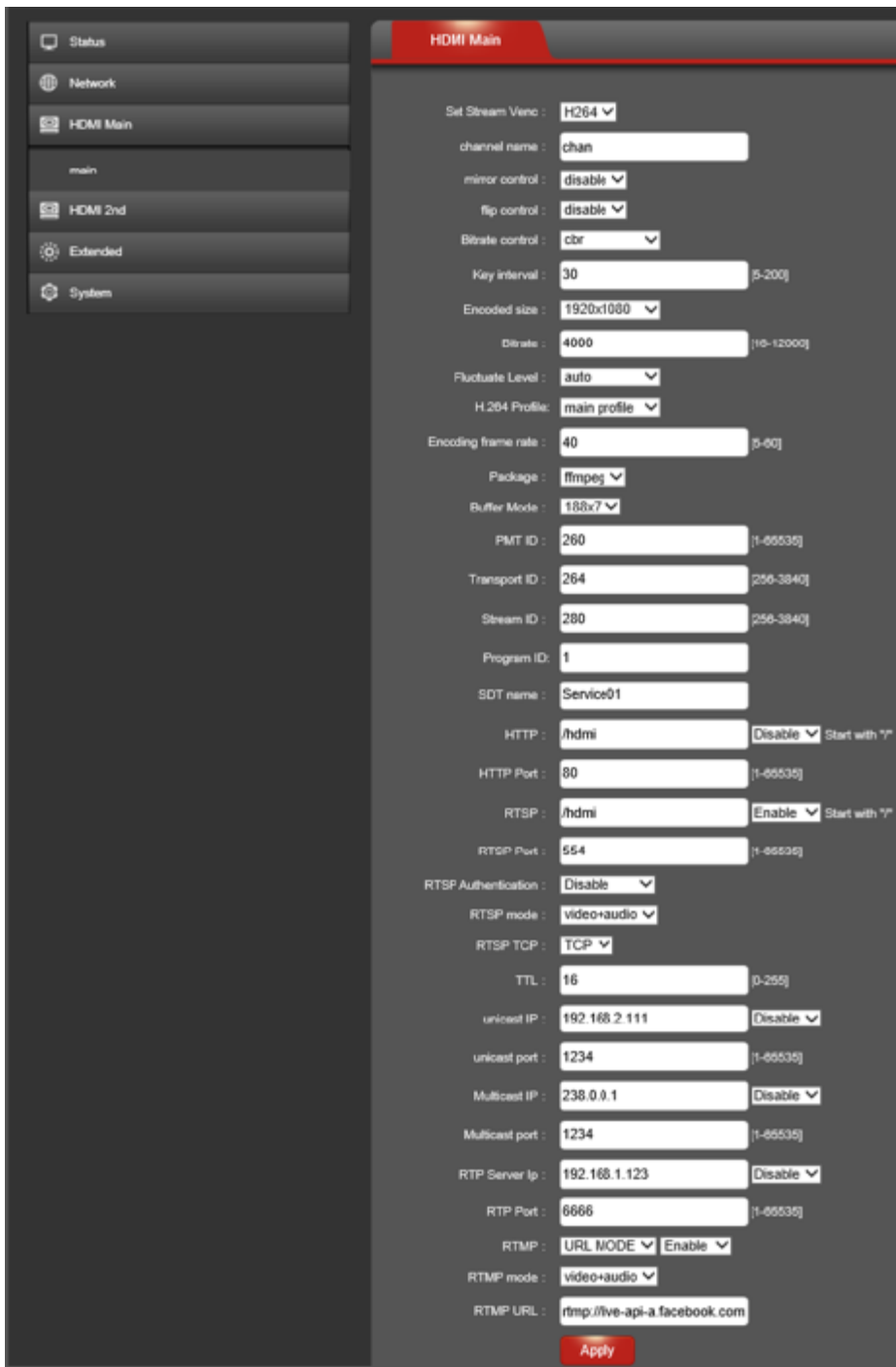
ITTelecom

ITTELECOM.CO

Technical Parameters:

• **Encoding scheme**	AVC H.264 MPEG-4
• **Profile**	H.264 high/ main/ baseline profile
• **Input**	Up to 1080P 60 (Minimum 320*180), 3.5MM line-in audio
• **Output**	HTTP/ HLS/ RTSP over UDP TCP/ RTMP/ UDP Unicast Multicast/ ONVIF/ RTP
• **Encoded resolution:**	320*180 to 1080P (30FPS for normal, let us know if 60FPS required)
• **Accessibilities**	Video package: VLC/ FFMPEG Stream information rename (PMT/ transport ID/ Stream ID) Image adapt (Noise/ sharpe/ filter/ contrast/ Bri/Hue)
• **Management**	HTTP WEB GUI (80/ 90); video management platform; LiveXfor Phone; Telnet, API, SDK Customized tools.
• **Network**	1/ 4/ 16* RJ45 Gigabyte full-duplex network. DHCP can be enabled by default.
• **Accessories**	1/ 4/ 16* HDMI cable, 1* warranty card. 1* power adapter 1/ 4/ 16 * audiocable (3.5MM)
• **Bitrates**	Video: 16 to 12000Kbps, CBR/ VBR Audio: 48K, 64K, 96K, 128K, 160K，192K,256K.,320K Audio sample rate: 24000-256000 Audio format: MP3/ G.711/ AAC HE LC/ MP2 (optional)
• **Others**	Dimension: 100*118*40 (mm), 19 inch Working temperature: -20℃ to 60 ℃ Working humidity: ＜90% Net weight: 0.2 KG, 3.8 KG, 4.3KG Power: 12V 2A, 110-240V Consumption: 2.8 W, ＜28W,＜40W

AV system integration

Streaming and recording

Live capturing

Etc.

IPTV/ OTT

Digital signage

CCTV

Big data inspection

Ittelecom Optical Technology Co., ltd

WEB GUI

Based on the Ittelecom P-P/ SDK transmission solution, two way communication can be easily achieved without any third-party server.

Live events/ Point to point transmission:

1- SRT transmission
2- SDK transmission
3- P-P transmission
4- Emergency communication (Military grade)
5- Live events
6- For 24/ 7/ 365operation