

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-MC9571 is high embedded hardware for FHD HDMI over IP required scenario like IPTV, Video streaming, live broadcasting, tele-education, telemedicine etc.

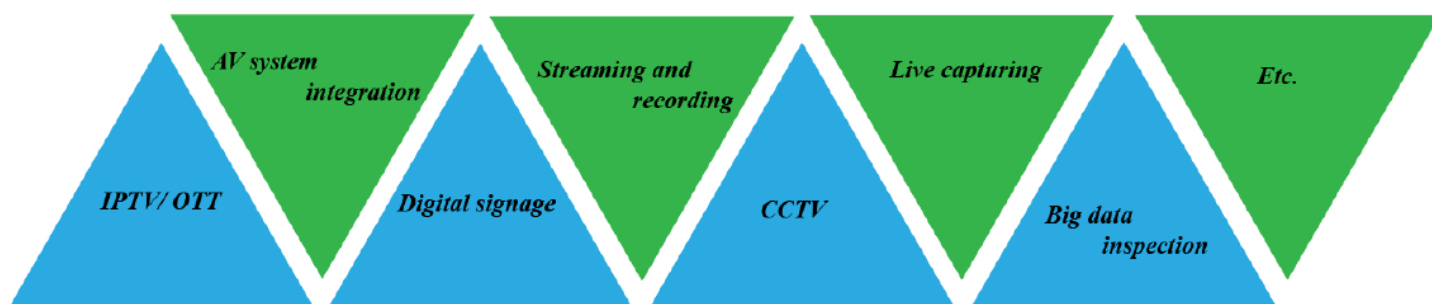
The encoders are based on the itt-mc9570 high embedded PCB board, it allowed to receive the FHD video from HDMI sources, and line in audio from 3.5mm composite Jack(active sources required), then send the streams over IP protocol like RTSP over UDP & TCP/ RTMP/ HTTP/ UDP Unicast Multicast/ ONVIF/ RTP/ 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.



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°C to 60 °C Working humidity: <90% Net weight: 0.2 KG, 3.8 KG, 4.3KG Power: -12V 2A, 110-240V Consumption: 2.8 W, <28W, <40W



WEB GUI



HDMI Main

Set Stream Venc : H264 ▼

channel name : chan

mirror control : disable ▼

flip control : disable ▼

Bitrate control : cbr ▼

Key interval : 30 [5-200]

Encoded size : 1920x1080 ▼

Bitrate : 4000 [10-12000]

Fluctuate Level : auto ▼

H.264 Profile : main profile ▼

Encoding frame rate : 40 [5-60]

Package : h264 ▼

Buffer Mode : 180x7 ▼

PMT ID : 260 [1-65535]

Transport ID : 264 [256-3840]

Stream ID : 280 [256-3840]

Program ID : 1

SDT name : Service01

HTTP : /hdm1 [Disable ▼ Start with "/"

HTTP Port : 80 [1-65535]

RTSP : /hdm1 [Enable ▼ Start with "/"

RTSP Port : 554 [1-65535]

RTSP Authentication : Disable ▼

RTSP mode : video+audio ▼

RTSP TCP : TCP ▼

TTL : 16 [0-255]

unicast IP : 192.168.2.111 [Disable ▼]

unicast port : 1234 [1-65535]

Multicast IP : 238.0.0.1 [Disable ▼]

Multicast port : 1234 [1-65535]

RTP Server Ip : 192.168.1.123 [Disable ▼]

RTP Port : 6666 [1-65535]

RTMP : URL MODE ▼ Enable ▼

RTMP mode : video+audio ▼

RTMP URL : rtmp://live-api-a.facebook.com

Apply

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

