

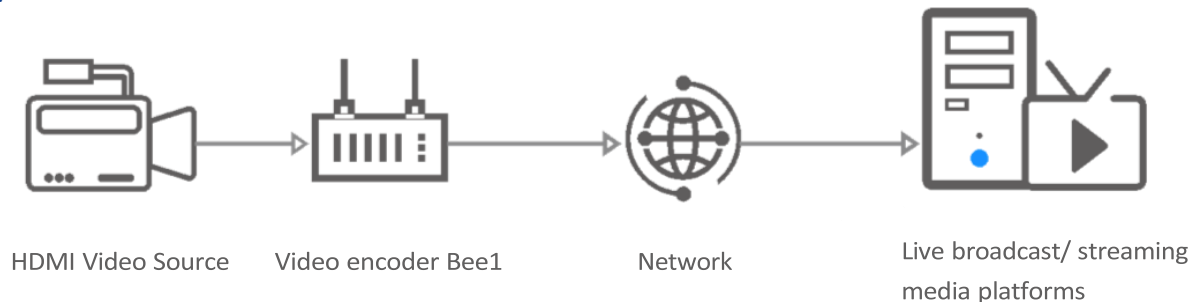
# Media Master Bee1

HDMI wired video encoder Bee1 can encode HDMI video source and compress into IP stream (SRT supported), to realize long-distance HD transmission/live broadcast over WAN or LAN network.

The wired video encoder is a low-cost video encoding device, which supports video recording at the same time. When you need to do remotely transmission/live broadcast for HDMI video, or do local recording, network recording in a wired network environment, just need to connect the Bee1 with the HDMI source and the ethernet. The captured video can be showed online on the web or mobile platforms.



## Topology



## Advantages

**High bandwidth adaptability makes it possible to transmit high-definition, low-latency, non-padding image under low bit network.**

- ▶ With branded chips solution together with video dynamic noise reduction and image enhancement technology, it can realize good encoding image under low bit transmission. Good video image can be achieved at 1Mbps@720p, 1.5Mbps@1080p network.
- ▶ Advanced video buffering technology and FEC technology ensures video encoding low delay and stable and smooth transmission.
- ▶ Adjustable bit rate from 64kbps~40Mbps.





**Powerful streaming media service function, supports RTSP/RTMPS/RTMP/UDP /SRT and some other protocols.**

- ▶ RTP/ RTSP/ RTMPS/RTMP/ HLS/ UDP / SRT and some other streaming media protocols supported for live broadcast on Facebook, YouTube, Ustream, Twitter, Wowza etc or security platform / NVR system.
- ▶ Dual stream output, the main code rate up to 1080p60Hz, and the sub-stream supports 720p 60Hz video encoding.

**Portable size, image and characters overlay supported with functions of voice intercom, NAS storage, loop monitoring etc.**

- ▶ Portable and low power consumption makes it 24 hours continuous working available.
- ▶ Capable with customized text and image overlay function, which can be at any position on the screen.
- ▶ Audio embedding encoding supported.
- ▶ Supports NAS network storage.
- ▶ With video real-time loop function, there is no delay and convenient for live monitoring.



**Rear Panel:**



No.	Connector
1	Power In
2	USB 2.0
3	Line Out
4	Line In
5	HDMI Loop
6	HDMI In
7	Ethernet

**Specifications:**

Video input	1*HDMI
Video Loop out	1*HDMI
Analog audio input	1*3.5mm
Analog audio output	1*3.5mm
USB interface	2*USB 2.0 Type-A; 1*USB 2.0 Mini-USB
Micro SD	1*Micro SD/TF Card storage interface
Network Support	RJ-45 Ethernet (100M)
Video resolution	Up to 1080P60Hz
Video coding	H.264/ AVC High/ Main/ Baseline profile (up to Level 5.3) ; Motion-JPEG
Audio coding	AAC/ G.711
Video coding bit rate	64Kbps ~ 40Mbps, adjustable
Audio coding bit rate	AAC coding: 16Kbps ~ 256Kbps G.711 coding: 64Kbps
Encoding latency	≤67ms
Media transmission protocols	RTMPS/RTMP/ HLS/ TS over UDP/ RTP/ RTSP/SRT and so on (NDI and GB/T28181 is customized)
Management	APP/ Web
Power supply/ consumption	DC 12V 1A/4W
Operating temperature	-20°C to 60°C
Size/Weight	125*89*28mm/380g