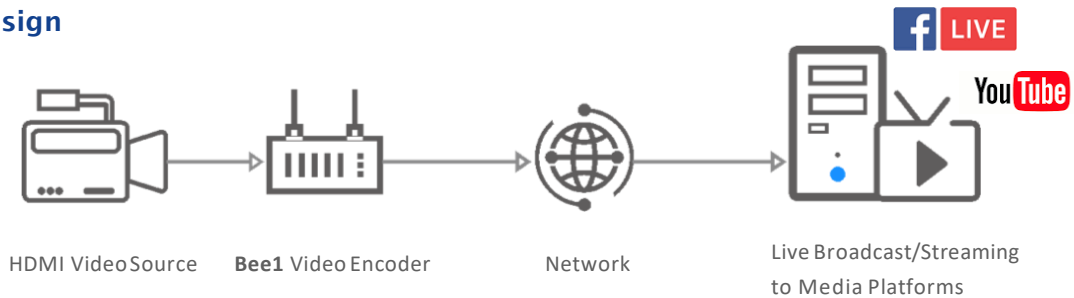


# Reach Bee1

The Reach Bee1 is a low-cost video encoder capable of live streaming and recording 1 HDMI signal at the same time. Simply connect your HDMI source and network cable to start streaming and recording your content. With features like RTMP/RTSP streaming, customizable text and image overlays, SD card & network storage, the small form factor Bee1 is perfect low-cost powerful solution.



## Basic Design



## Key Features

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

- ▶ With the latest chip solution coupled together with dynamic video noise reduction and image enhancement technology, the Reach Bee1 produces superior image quality at 1Mbps@720p and 1.5Mbps@1080p networks.
- ▶ Advanced video buffering and FEC technology ensures low delay video encoding and stable and smooth transmission.
- ▶ Adjustable bit rate from 64kbps ~ 40Mbps.

For more information, please contact us at: Tel: 800-333-6654

Website: [www.reach.tv](http://www.reach.tv) E-mail: [info@reach.tv](mailto:info@reach.tv)



**Powerful streaming function supports RTSP/RTMPS/RTMP/UDP/SRT protocols.**

- ▶ Streaming protocols supported for live broadcast on Facebook, YouTube, Twitter, Wowza etc or security platform / NVR systems.
- ▶ Supports dual stream output - main code rate up to 1080p60Hz, and the sub-stream supports 720p 60Hz video encoding.

**Portable size and 24/7 Operation**

- ▶ Portable and low power consumption makes it safe for 24/7 operation.
- ▶ Supports customized text and image overlay at any position on the screen makes it easy to brand your streaming and recording.
- ▶ Audio embedding encodings supported.
- ▶ Supports NAS network storage.
- ▶ With real-time HDMI loop output, there is no delay 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 Loopout	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

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