

VCF-EN001-W



Features:

- * Supported global live video platform (tested): YouTube, UStream, Twitch.
- * Supported streaming media server platform/CDN system (tested): Wowza, FMS, RED5, SRS, etc.
- * Support image rotation, cutting, gray scale and other special image processing
- * Support character /image overlay
- * Allows you to use phone APP by USB to connect device for management and preview video or WEB management.
- * Easy operation and multi-languages supported for worldwide users.
- * supports Onvif 1.1/2.0 that can be easily connecting to secure safety system/NVR system

VCF-EN001-W is a professional HD/3G-SDI H.264 video encoder. Small size and ultra-low consumption design! VCF-EN001-W comes in 1.485G HD-SDI, 3G-SDI input, and SDI looping out. Input SDI signal through preceding image processor for image enhancement, then encoding by SOC processor for creating H.264 video encode featured with high performance and low bit rate.

Supports unbind audio from SDI signal, also input audio from Analog Line-in for AAC (MPEG4-Audio) stereo audio encoding or G.711 audio encoding.

Specification	VCF-EN001-W
Interface	
Video input / looping output	1* BNC SDI input / 1* BNC SDI looping output
Analog voice input / Output	1*3.5mm audio input / 1*3.5mm audio output
Wired network	1*RJ-45,10/100M self-adaptive
Wi-Fi	Built-in model, external dual antenna
USB	2*USB 2.0 Type-A / 1*USB 2.0 Mini-USB
Micro SD	1*Micro SD/TF Card
Power Supply	DC 12V, 1A (External Power Supply)
Signal	
SDI signal amplitude	0.8Vp-p
SDI impedance	75 ohms
SDI Coupling Type	AC Coupling
Output signal type	HD-SDI(1.485Gbps), 3G-SDI(2.97Gbps)
Supported Video formats	1080P 23.98/24/25/29.97/30、1080P 50/59.94/60、1080i 50/59.94/60、720P 23.98/24/25/29.97/30、720P50/59.94/60
Encoding	
Video encoding	H.264/AVCHigh profile (up to level 5.1), compatible with Main profile and Baseline
Audio encoding	AAC/MPEG4-Audio, G.711(u-Law/a-Law)
Encoding delay	≤67ms
Video encoding resolution	256Kbps ~ 25Mbps adjustable
Audio encoding resolution	32Kbps ~ 512Kbps : AAC / 64Kbps : G.711
Network support	
Wired/Ethernet	Built-in support
Wi-Fi	Built-in, IEEE 802.11 a/b/g/n 2.4G/5.8G dual-band
4G-LTE	Support through USB extend Dongle
Transmission protocols	
Transmission protocols	RTP / RTSP (compatible RTP over RTSP, RTSP HTTP Tunnel RTSP Multicast)RTMP pushing, RTMP service, TS over UDP, HLS
Management interface	App for Android Web , support Remote management
Control/management protocol	Onvif 1.1/2.0
Operation environment	
Operation Temperature	0°C~ 80°C
Relative Humidity	20 ~90%RH(non-condense)
Overall unit power dissipation	DC 12V 1A / 4W

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