

HP3610 SDI HD encoder



Product Description

HP3610 HD SDI encoder is a professional high-definition audio and video encoding products, which support 1 channel or 1-SD SDI HD audio and video, 1 channel audio interface 3.5MM independent capture capabilities with SDI loop output. Dual streaming H.264 encoded output format, an audio MP3 / AAC /G711 format. Adjustable rate coding, the picture quality can be controlled. Support SRT / HTTP / RTSP / RTP / RTMP / UDP/ONVIF/ **HLS** transport protocols. It is easy to install and there is no computer hardware compatibility issues.

Key features

- The embedded hardware encoding
- Support H.264 BASELINE PROFILE / MAIN PROFILE / HIGH PROFILE
- Support multiple devices display on a computer at the same time
- Support network directly connected, don't need match HD collection card.
- Support Network interface full-duplex mode 1000M
- 1 channel SDI input, 1 channel audio interface 3.5MM independent Input
- Support the SD SDI input and up to 1080p, 720P HD SDI input
- Support RTSP/RTP/RTMP/HTTP/UDP/ONVIF/**HLS/SRT** unicast and multicast protocol (RTMP support adding users and changing passwords), Support DHCP/,ONVIF protocol, support HD Blue ray
- Compatible with Wowza/FMS/RED5 streaming media server, work in with streaming media server to push the streaming , to achieve a live streaming
- Support Main TS stream and the sub TS stream use in different network protocols for transmission (Multi-rate multi-protocol support)
- Rate Control CBR / VBR 16KBIT / S ~ 12MBIT / S
- Video packaging: A mode: FFmpeg, B mode: VLC
- Supports streaming resolution custom output settings
- Transmission: TCP, UDP, 1000M (RJ45 Ethernet port duplex)
- Support streaming add watermark (OSD), XY axis, the font can be set;
- Transmission: TCP, UDP, 1000M (RJ45 Duplex network port)
- Support WEB access in Chinese/English, passwords changing, WAN remote management (WEB)
- Support DHCP gaining IP automatic ,support One-key recovery, upgrade and remote maintenance
- Image settings: contrast ratio, brightness, tones, saturation, noise detection, sharpness, filtering
- Support build-in or external methods , support left and right sound channel , Support audio gain ,be able to turn volume individually
- Support coding without video signal;
- Complete the setting effect immediately, don't need to restart
- Support one-key recovery of the default configuration
- Support set-top box decoder

- The low power consumption design

Specification

Product model	HP3610 SDI HD encoder	
Input	1 channel SDI input,1 channel 3.5 audio input	
Output	1 channel IP signal output	
Video	Input resolution	1920x1080p/1920x1080i/1280x720p/720*576i/640*480i And other conventional resolution
	Coding standard	H.264
	Coding level	H.264 BASELINE PROFILE H.264 MAIN PROFILE H.264 HIGH PROFILE
	Encoded size	640*360~1920*1080 (Can customize)
	Video bit rate	Rate control:CBR/VBR 16KBIT/S~12MBIT/S
	Video frame rate	30/60
	OSD	Character ,images
	Audio	Input selection
Audio coding		AAC/MP3/G711
Audio bit rate		64Kb/s~384Kb/s
Sampling rate		32000、44100、48000etc
IP output	1 RJ 100M / 1000M adaptive Ethernet port, TS stream standard, dual-stream, ONVIF protocol	
System	Network protocol	Supports HTTP, RTSP, RTMP, UDP, HLS,SRT multicast, unicast
	Configuration management	Support IE configuration, remote upgrade
The common use	Power supply	12V~2A
	power consumption	5W
	Size	146mm * 122mm * 42mm(length*width*height)
	Operating temperature	-20℃+ 60℃
	Working humidity	<90%, Non-condensing
	Weight	0.3KG
Our company reserves the right to adjust the product parameters, if you have any questions please contact us to check		

