

4K HDMI 1-Channel Video Decoder/Encoder

Technical Specifications :

Video	
INPUT / OUTPUT	1x HDMI 1.4
RESOLUTIONS	4K30, 1080P, 720P, 1080i, 720i, 1600×1200, 1440×900, 1366×768, 1280×1024, 1024×768, 800×600, 640×480
ENCODING	H.264 Baseline profile H.264 Main profile H.264 High profile H.265 Main profile MJPEG/JPEG Baseline
ENCODING RESOLUTION	Mainstream: 4K, 1080P, 720P, 360P or customized Substream: 720P, 360P or customized
DECODING	H264, H265, MJPEG
FRAME RATE	1 - 60 FPS adjustable
BITRATE	20 Mbps
BITRATE CONTROL	CBR/VBR/AVBR/FIXQP/QPMAP
MULTIPLE REFERENCE FRAMES	Support SmartP, DualP
Audio	
INPUT / OUTPUT	HDMI, 3.5mm Line-In, audio can be used simultaneously
SAMPLING RATE	48 kHz, 44.1 kHz, 32 kHz, 16 kHz, 8 kHz
ENCODING	AAC, MP3, MPEG2, PMCA, PMCU
Record	
USB RECORD	To USB flash disk or USB hard disk
FORMAT	MP4, TS, FLV, MOV, MKV, AVI
Network Stream	
PROTOCOL	RTSP, RTMP, HTTP, HLS, UDP, Unicast, Multicast
ONVIF	Support
SRT	Support
GB28181	Support
NDI® HX	Support
Connection and other details	
- 1x HDMI IN - 1x HDMI OUT - 1x Audio IN - 1x Audio OUT - 1x USB 2.0 - 1x eSATA/USB - 1x Ethernet RJ45 1000BASE-T, IEEE 802.3af PoE supported	
- Power over Ethernet - Optional: power supply DC 6-12 V 2 A (Notice: power supply is not included in the package) - Power consumption: < 8 W - Dimension: 12,9 cm x 8,2 cm x 3,3 cm - Weight: 0,37 kg	



Features

- 4K encoder and decoder, supports up to 4K@30FPS or 1080P@60 FPS
- PoE or 12 V DC supported
- Web based remote management interface
- Reliable 24/7 usage

Applications

- Digital signage
- Hotel TV systems
- IPTV/SmartTV
- Video conference
- Classrooms - teaching online (homeschooling)
- IP video surveillance
- Live broadcast