

VIS-DS200-I-P Network AV Encoder Datasheet V2.0



1. Product Overview

The VIS-DS200-I-P network AV encoder for the VISSONIC paperless multimedia conference system is mainly used for inputting audio and video signals to the paperless multimedia conference system or outputting video signals from the paperless multimedia conference system to distributed systems.

2. Features

- With the self-developed FIBER-NET two-way data transmission technology and distributed network architecture, if any node in the system fails, the other nodes can operate properly without being affected.
- Using the ultra-low power design, it supports dual power supply of PoE and power adapter, with the maximum power consumption not larger than 8W. It has good heat dissipation performance and uses no-fan quiet design, ensuring no noise during operation.
- Using the high-performance H.265 video decoding technology, it is compatible with H.264 video decoding and supports 4K@30Hz frame output of UHD video signals.
- It can adaptively collect video signals of different resolutions and encode them to achieve UHD visual effects to restore realistic image quality. The resolution can be up to 4K@30Hz.
- Automatic configuration recovery after power down and restart, and thus data loss can be avoided.
- Allow to online product upgrade for easy maintenance and management.
- The front panel has a display screen that can display the operating state and IP address.
- 1×HDMI input (supporting VGA and DVI access through the patch cord), 1×HDMI loop output, 1×3.5 audio input, and 1×3.5 audio output.
- It adapts to the HDMI1.4 standard and earlier, is compatible with the DVI1.0 standard, and supports the HDCP protocol.
- It supports advanced audio standards including AAC, G.711U/A, G.726 and

PCM lossless audio encoding, and remixing input of HDMI audio and 3.5 stereo audio. It contains three audio modes: synchronous, asynchronous and remixing. It also has multi-channel audio remixing playback, with lossless audio quality. Set the volume or enable muting as required. Audio+video synchronous and individual screen display are also available for user.

- Interconnection with paperless multimedia conference systems is permitted, with a image delay of less than 60 milliseconds.

3. Parameters

Model	VIS-DS200-I-P
Processing Capability	4K@30Hz, backward compatible
Encoding & Decoding	H.264/H.265 video encoding AAC, G.711U/A, G.726 and PCM audio encoding
Video Interface	1× HDMI 1.4 input, 1× HDMI 2.0 output
Audio Interface	1× 3.5 mm stereo audio input, 1× 3.5 mm stereo audio output 1× Phoenix connector audio input, 1× Phoenix connector audio output
USB Interfaces	4× USB
Network Ports	1× RJ45, 10/100/1000Base-T, auto-negotiation, PoE supported
Optic Port	1× SFP optical port
Serial Port	1× RS485, 1× RS232, 1× IR/IO, 1× Relay 1× Phoenix connector audio input, 1× Phoenix connector audio output
Indicators	LCD display
Power Supply	DC 12V / PoE
maximum power consumption	8W
Storage Environment	Temperature: 10°C~50°C; Humidity: 10%~90% (non-condensing)
Size	214×132×34mm