

DHI-NEB0105HI-4K

1 Channel Distributed Encoding Box



Features :

- Support 1ch DP, 1ch HDMI independent collection interfaces
- Support 4K and H.265 real-time encoding
- Powerful 10M/100M/1000M self-adaptive Ethernet interface
- Support TCP/IP/RTSP/HTTP/TCP/UDP/DHCP/NTP and etc. network protocols
- Remote reboot/upgrade/default setting and etc. operations
- Provides SDK, demo software and development manual
- Supports 1-channel HDMI loop output and 1-channel HDMI output
- Supports redundant power input of two channels: PoE and 12 VDC

Technical Specification

Model

Model NEB0105HI-4K

System Parameter

System Processor High-performance industrial embedded micro processor
Embedded LINUX

Interface

Video Input	1 HDMI1.4 (support DVI with convertor), 1 DP
Video Output	1 HDMI2.0 and 1 HDMI loop output
Audio Input	1 HDMI and DP (embedded), 1 3.5mm jack
Intercom	1 3.5mm jack earphone (reserved)
	1 3.5mm jack microphone (reserved)
Alarm In/Out	2/2
Network Port	1 RJ45 10/100/1000M self-adaptive ethernet interface
RS232	1 RS232(DB9)
USB	1 USB 2.0, 1 USB (reserved)
RS485	1 RS485

Performance

Encoding Capacity	Access Resolution	HDMI/DP: 4096x2160/3840x2160/2560x1440/1920x1080/1280x1024/1280x960/1280x720/1024x768
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Encoding Capacity	Video Frame Rate	1~60fps, 4096x2160 max supports 24fps, 3840x2160 max supports 30fps
	Encoding Capacity	4096x2160@24fps, 3840x2160@30fps, 2560x1440@60fps, 1920x1080@60fps, 1280x1024@60fps, 1280x960@60fps, 1280x720@60fps, 1024x768@60fps
	Video Encoding Format	H.265/H.264 (default H.264)
	Audio Encoding Format	G.711a
	Stream Type	Composite stream, video stream
	Protocol	RTSP/Private

Others

Working Environment	Operating temperature	-10°C~+55°C
	Humidity	10%~90%, 86kpa~106kpa
Consumption	≤10W	
Dimension	45mm×153.8mm×100mm(1.77× 6.06× 3.93 inch), (H*D*W)	
Power	DC12V, 2.0A; POE	
Weight	0.65kg (1.43 lb)	

