

DSMS0115EPI-4K

1 Channel KVM Encoding Box



Features :

- 2-inch TFT screen displays basic information such as the device IP address and name
- Support 1ch DP, 1ch HDMI independent collection interfaces and 1-channel HDMI loop output
- Support 4K@60 and H.265 real-time encoding
- YUV444 Lossless Image Quality
- Powerful 10M/100M/1000M self-adaptive Ethernet interface and 1 SFP 1000M optical port (Hot Backup Switch)
- Support TCP/IP/RTP/RTSP/HTTP/TCP/UDP/DHCP/NTP and etc. network protocols
- Support USB control signal encoding and remote delivery of USB flash disk contents
- Remote reboot/upgrade/default setting and etc. operations
- Supports redundant power input of two channels: PoE and 12 VDC

Technical Specification

Model

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System Parameter

System Processor	High-performance industrial embedded micro processor
	Embedded LINUX

Interface

Screen	2 inch TFT screen(Display device status)
Video Input	1 HDMI 2.0, 1 DP 1.2
Video Output	1 HDMI2.0 loop output
Audio Output	1 3.5mm jack earphone
Audio Input	1 HDMI and DP (embedded) 1 3.5mm jack;1 3.5mm jack microphone
Alarm In/Out	2/2 (30VDC 1A,125VAC 0.5A linkage out reserved)
Network Port	1 RJ45 10/100/1000M self-adaptive ethernet interface 1 SFP 1000M optical port (Hot Backup Switch)
RS232	1 RS232(DB9)
USB	1 USB (Transmit keyboard and mouse signals), 1 USB (transparent transmission),1 USB 3.0(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 60fps
	Encoding Capacity	4096x2160@60fps,3840x2160@60fps, 2560x1440@60fps,1920x1080@60fps, 1280x1024@60fps,1280x960@60fps,1280x720@60fps,1024x768@60fps
	Video Encoding Format	H.265/H.264
	Audio Encoding Format	PCM
	Stream Type	Composite stream, video stream
	Protocol	RTSP;Private

Others

Working Environment	Operating temperature	-10℃~+55℃
	Humidity	10%~90%, 86kpa~106kpa
Consumption	≤24W	
Dimension	45mm×190mm×130mm(1.77× 7.48× 5.12 inch),(H*D*W)	
Power	DC12V,2.0A;POE	
Weight	0.98kg (2.16 lb)	