

DS-6932UDI-U(C)

Decoder Server (16-Channel HDMI Input + 32-Channel HDMI Output)



Designed with reference to the Advanced Telecommunications Computing Architecture (ATCA), the decoder server (hereinafter referred as the device) supports matrix switching of analog and digital videos, video encoding and decoding, and network real-time preview. It integrates image processing, network functions, log management and device maintenance, simplifies the installation, maintenance and the whole system, and has good compatibility and expandability. Thus, the device can be widely used in various video system and command control system.

- Adopts the 3 U standard rackmount chassis and ATCA chassis system for small to medium-sized surveillance.
- Adopts the plug-in modular design to provide flexible choice of model according to needs.
- Supports auto temperature adjustment of the intelligent fan to ensure system stability and reliability.
- Supports HDMI signal input and output.
- Supports the default H.265 encoding and H.264 encoding.
- Supports H.265, H.264, MJPEG and other mainstream encoding formats.
- Supports 16 channels of HD video encoding.
- Supports 256 channels of HD video decoding.
- Supports the maximum LED loading capacity of 2.6 MP per port.
- Supports 32 MP HD video decoding.
- Supports any splicing of 32 screens according to needs.
- Supports the division of 1, 4, 6, 8, 9, 16, and 25 per output port window.
- Supports opening a maximum of 512 windows on the video walls, opening a maximum of four 1080p layers or two 4K layers on a single screen, and floating windows.
- Supports live view of video wall.
- Supports up to 128 scenes. You can customize the video wall layout and save it as a scene.
- Supports up to 8 subtitles for the video wall controller and up to 3 subtitles for one video wall.
- Supports the access and operation via the mobile client (Android or iOS), PC client, and web client.
- Support using the ONVIF protocol to access devices for decoding.



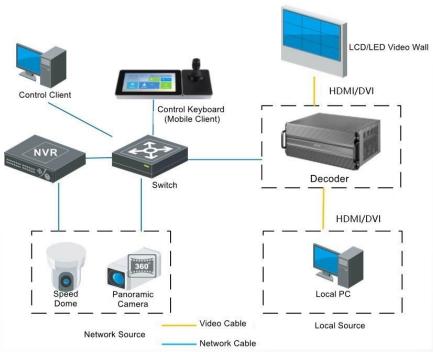
Specification

Chasis Height 3 U Bus Type Gigabinetwork switching Main Control Board Slot 1 Installed Main Control Boards 1 Service Board Slot 6 Installed Service Boards 6 Fans 14 (2 fan boards, 7 fans per fan board) Network Wideoward Video Wall 2 x 10/100/1000 Mbps self-adaptive Ethernet interface (RJ-45) Video Wall 8 Video Wall Scale 5 32 Open Windows 512 Input Source Copy Capability Supported Layers Per Port 4 x 1080p or 2 x 4K Layers Per Port 4 x 1080p or 2 x 4K Layers Per Port 4 x 1080p or 2 x 4K Layers Per Device 128 Scene Auto-Switch Delay 3 s Live View Resolution CIF352 x 288/QCIF(176 x 144)/HCIF(704 x 288)/DCIF(528 x 384)/FCIF(704 x 576) Background Image S s, single background image format: JGP/JPEG. Subtites 4 s subtitles on the video walls; \$ 3 subtitles on a single video wall image format: JGP/JPEG. Working Humidity 10% to 90% Net Weight	Chassis	
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Installed Main Control Boards	Bus Type	Gigabit network switching
Power Supply Slot	Main Control Board Slot	1
Installed Power Supplies 1	Installed Main Control Boards	1
Service Board Slot 6 Installed Service Boards 6 Fans 14 (2 fan boards, 7 fans per fan board) Network **** Network Interface 2 × 10/100/1000 Mbps self-adaptive Ethernet interface (RJ-45) Video Wall **** Video Wall Scale 32 Open Windows 512 Input Source Copy Capability Supported Layers Per Port 4 × 1080p or 2 × 4K Layers Per Device 128 Scenes 128 Scenes 128 Scene Auto-Switch Delay 3 s Live View Resolution CIF(352 × 288)/QCIF(176 × 144)/HCIF(704 × 288)/DCIF(528 × 384)/FCIF(704 × 576) Background Image \$ 8, single background image resolution: 1280 × 720 to 7680 × 4320, background image format: IcP/I/PEG. Subtitles \$ 8. subtitles on the video walls; \$ 3 subtitles on a single video wall input image formate; Device of the video walls; \$ 3 subtitles on a single video wall image formate; Device of the video walls; \$ 3 subtitles on a single video wall input image formate; Device of the video walls; \$ 3 subtitles on a single video wall input image formate; Device of the video wall image	Power Supply Slot	2
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Audio Encoding Audio Encoding Format G722.1,G711_U,G711_A,AAC Video Output		
Audio Encoding Format G722.1,G711_U,G711_A,AAC Video Output		16 channels of 1080p 60 tps or 8 channels of 4K30
Video Output		
	_	G722.1,G711_U,G711_A,AAC
Max. Video Output Resolution 4K		
	Max. Video Output Resolution	4K



Video Output Resolution	XGA_60 Hz(1024 × 768@60 Hz)/SXGA_60 Hz(1280 × 1024@60 Hz)/ 720P_60 Hz(1280 × 720@60 Hz)/UXGA_60 Hz(1600 × 1200@60 Hz)/ WSXGA_60 Hz(1680 × 1050@60 Hz)/WUXGA_60 Hz(1920 × 1200@60 Hz)/ 1080P_60 Hz(1920 × 1080@60 Hz)/4K_30 Hz(3840 × 2160@30 Hz)
Loading Capacity for Video Output to LED	Single port load 2600000, Width 288 - 3840, Height 288 - 2160, Width must be a multiple of 2 and height must be a multiple of 2
Video Decoding	
Video Decoding Format	H.264, H.265, Smart264, Smart265, MJPEG
Video Decoding Channels	512
Video Decoding Capability	H.264/H.265/Smart264/Smart265 format: 16 channels of 32 MP/24 MP, 32 channels of 16 MP, 48 channels of 12 MP, 64 channels of 8 MP, 80 channels of 6 MP, 128 channels of 4 MP, 256 channels of 1080p, or 512 channels of 720p/D1 or lower resolution (One group of 4 outputs shares decoding capability) MJPEG format: 32 channels of 2 MP
Audio Output	
Audio Output Interface	HDMI embedded
Audio Decoding	
Audio Decoding Format	G711-A, G711-U, G722.1, G726-16/U/A, MPG, AAC-LC
Device Parameters	
Device Decoding Capability	256 channels of 1080p 30 fps
Device Splicing Capability	32 channels

Typical Application

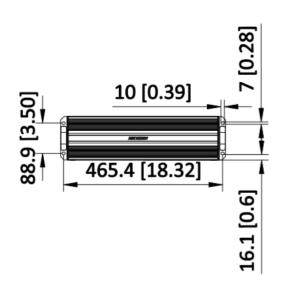


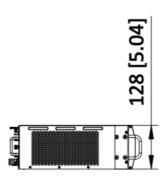
Available Model

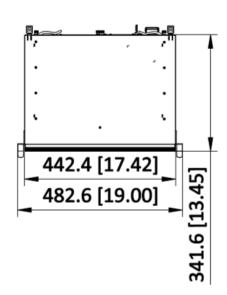
DS-6932UDI-U(C)

Dimension









Unit: mm [inch]

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