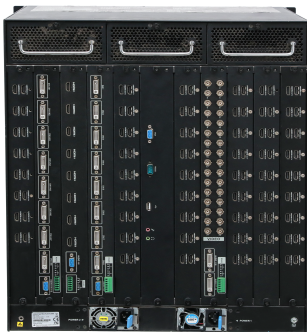


M60-12U

Multi-service Video Management Platform



Features:

- 19" standard 12U ATCA industry box
- Easy and flexible configuration with pluggable card module design
- 120ch@1080P & 80ch 4K signal encoding (full configured)
- 60ch@32MP(25fps) or 240ch@8MP(25fps) or 960ch@1080P or 3840ch@D1 signal decoding (full configured)
- Support digital/network video signals input and matrix
- Support HD video signal matrix switch and output
- Support non-compressed digital signal encoding output
- Support Mobile Visual Management
- Support switch via network keyboard, client-end and etc.
- Support TCP/IP/RTSP/RTCP/TCP/UDP/DHCP and etc. network protocols
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc operations
- Included redundant power supply

Technical Specification

Model

Model	M60-12U
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System Parameter

Main Processor	64-bit Quad-core Embedded Microprocessor
Operating System	Embedded LINUX
Bus	PCI-E, LAN
Slot	11(1 Main Control Board Slot, 10 Video and Audio Function Board)

System Configuration

Mainframe	Redundant Power, Main Control Board, PCI-E Bus Rear Panel, Smart Temperature Controlled Fan
Video Input Card	Max. 10
Video Output Card	Max. 10

Network Access Capacity

Network Access	8 × RJ45 port, supports 1,000 M Ethernet port; 8 × SFP optical ports
	8Gbps Network Interface Bandwidth
	1024 Cameras Access
	Max.320 1080P@8M Forward capability



Matrix Exchange and Splicing Control Capacity

Decoding card Video-Wall Splicing	Splicing	Max 180 splicing screens
	Video Wall	Support Splicing Zoom/Merge/Roam/Overlay
	Input Source	Digital/Network (support mix input)
	Output Signal	HDMI
	Control Mode	WEB/Local GUI/Video Platform/Network Keyboard/Pad

Video Encoding Input

VEC0804HD-M60 (DVI/VGA/HDMI)	Video Input	DVI-I, standard configuration support VGA, DVI, HDMI via adapter
	Encoding Format	H.264/MPEG4
	Encoding Capacity	8CH@1080P
	Audio Input	8 (reserved), DB15 interface(2.0Vp-p, impedance:1KΩ)
	Low-speed data interface	2 RS485, Support current speed dome protocol

VEC0805UH-M60	Video Input	8CH HDMI,2CH VGA	VDC1505H-M60 (HDMI)	Decoding Capacity	5CH@32MP(25fps)/20CH@8MP/ 80CH@1080p/160CH@720p/ 320CH@D1
	Encoding Format	H.264/H.265		Video Output	15CH HDMI
	Encoding Capacity	6CH@1080P@60 and 4CH 4K (4096x2160@24 or 3840x2160@30)		Audio Output	15CH, HDMI embedded audio and 2 DB15
	Audio Input	8CH HDMI embedded audio and 1 DB15		Output Resolution	1920×1080@60fps,1280×1024@60fps, 1280×720@60fps,1024×768@60fps,so me ports support 4096×2160@24fps and 3840×2160@30fps
	Low-speed data interface	1 RS485, Support current speed dome protocol		Division	1/4/6/8/9/16/25/36,custom
VEC1605UH-M60	Video Input	16CH HDMI,4CH VGA	VDC1805H-M60 (HDMI)	Low-speed data interface	2 RS285, 4/2 Alarm in/out
	Encoding Format	H.264/H.265		Decoding Capacity	6CH@32MP(25fps)/24CH@8MP/ 96CH@1080p/192CH@720p/ 384CH@D1
	Encoding Capacity	12CH@1080P@60 and 8CH 4K (4096x2160@24 or 3840x2160@30)		Video Output	18CH HDMI
	Audio Input	16CH HDMI embedded audio and 2 DB15		Audio Output	18CH, HDMI embedded audio and 2 DB15
	Low-speed data interface	1 RS485, Support current speed dome protocol		Output Resolution	1920×1080@60fps,1280×1024@60fps ,1280×720@60fps,1024×768@60fps,s ome ports support 4096×2160@24fps and 3840×2160@30fps
				Division	1/4/6/8/9/16/25/36,custom
				Low-speed data interface	2 RS285, 4/2 Alarm in/out

Video Decoding Output

Video Decoding Output

VDC0905H-M60 (HDMI)	Decoding Capacity	3CH@32MP(25fps)/12CH@8MP/48CH@1080p/96CH@720p/192CH@D1
	Video Output	9CH HDMI
	Audio Output	9CH, HDMI embedded audio and 1 DB15
	Output Resolution	1920×1080@60fps, 1280×1024@60fps, 1280×720@60fps, 1024×768@60fps, some ports support 4096×2160@24fps and 3840×2160@30fps
	Division	1/4/6/8/9/16/25/36, custom
	Low-speed data interface	2 RS285, 4/2 Alarm in/out
VDC1205H-M60 (HDMI)	Decoding Capacity	4CH@32MP(25fps)/16CH@8MP/64CH@1080p/128CH@720p/256CH@D1
	Video Output	12CH HDMI
	Audio Output	12CH, HDMI embedded audio and 2 DB15
	Output Resolution	1920×1080@60fps, 1280×1024@60fps, 1280×720@60fps, 1024×768@60fps, some ports support 4096×2160@24fps and 3840×2160@30fps
	Division	1/4/6/8/9/16/25/36, custom
	Low-speed data interface	2 RS285, 4/2 Alarm in/out

Main Control Interface

Output Interface	1, VGA
Communication Interface	8 × RJ45 port, supports 1,000 M Ethernet port; 8 × SFP optical ports
Serial Interface	1, RS-232, For the parameter configuration, device maintain, transparent channel
USB	3 × USB 2.0 port (1 for main control card; 2 for port panel)

Others

Power	100~127V AC and 200~240V AC, 50/60Hz
Power Consumption	≤800W
Operating Temperature	-10 °C ~ +55 °C (14 °F to 131 °F)
Operating humidity	10~90%RH / 86~106kpa
Dimension(mm)	12U, 482.6 × 484.5 × 533mm (19 × 19.1 × 20.98 inch), (W*D*H)
Weight	≤40Kg (88.18 lb) (full configured)

Ordering Information

Type	Part Number	Description
Video Management Platform	DHI-M60-12U	8K & H.265 ultra powerful decoding capacity
	M60-12U	

Dimensions (mm/inch)

