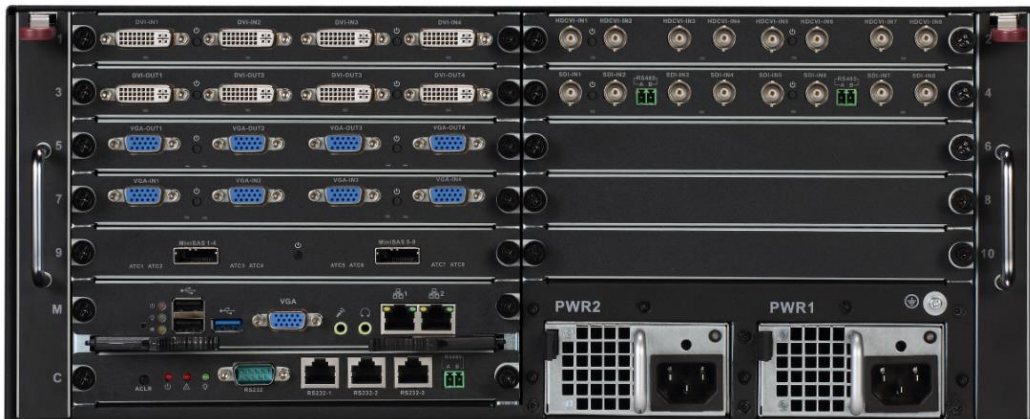


M70-4U

Multi-service Matrix Platform



Features

- 19" standard 4U ATCA industry box
- Easy and flexible configuration with pluggable card module design
- 320ch@D1 or 80ch@1080P signal encoding (full configured)
- 640ch@D1 or 160ch@1080P signal decoding (full configured)
- Support analog/digital video signals input and matrix output
- Support SD/HD video signal matrix switch and output
- Support non-compressed digital signal encoding output
- 2 RJ-45 gigabit network ports for matrix control, preview and online central storage.
- Support TCP/IP/RTP/RTSP/RTCP/TCP/UDP/DHCP/PPPoE and etc. network protocols
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc operations

M70-4U

Specifications

Model		M70-4U
System		
Main Processor	Quad-core embedded microprocessor	
Operating System	Embedded LINUX	
Bus	PCI-E	
Slot	12(2 Main Control Board Slot, 10 Video and Audio Function Board)	
Mainframe	Power module (redundant power optional), main control board, control board, PCI-E bus rear panel, smart temperature controlled fan	
Video Input Card	Max. 10	
Video Output Card	Max. 10	
Video Input		
VEC0404HD-M70 (DVI-I)	Interface	4ch DVI-I (HDMI & VGA with convertor)
	Encoding Format	H.264/MPEG4
	Encoding Capability	4CH@1080P, support resolution: 1080P/720P/UXGA/SXGA+ /SXGA/XGA/SVGA/VGA
VEC0404HH-M70 (HDMI)	Interface	4ch HDMI
	Encoding Format	H.264/MPEG4
	Encoding Capability	4CH@1080P, support resolution: 1080P/720P/UXGA/SXGA+ /SXGA/XGA/SVGA/VGA
VEC0404HV-M70 (VGA)	Interface	4ch VGA
	Encoding Format	H.264/MPEG4
	Encoding Capability	4CH@1080P, support resolution: 1080P/720P/UXGA/SXGA+ /SXGA/XGA/SVGA/VGA
VEC3204FB-M70 (CVBS)	Interface	32ch BNC (1.0Vp-p, 75Ω)
	Signal Format	NTSC/PAL self-adaption
	Encoding Format	H.264/MPEG4
	Encoding Capability	32CH@D1
	Data Ports	2 RS485 ports
VEC0804HC-M70 (HDCVI)	Interface	8ch BNC (1.0Vp-p, 75Ω)
	Signal Format	HDCVI (audio/video/control)
	Encoding Format	H.264/MPEG4

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	Encoding Capability	8CH@1080P
VEC0804HS-M70 (HD-SDI)	Interface	8ch BNC (1.0Vp-p, 75Ω)
	Signal Format	HD-SDI, 1.485Gbps
	Encoding Format	H.264/MPEG4
	Encoding Capability	8CH@1080P
	Data Ports	2 RS485 ports
Network Video	Encoding Standard	H.264/MPEG4/ONVIF/PISA
	Transfer Protocol	TCP/UDP/RTP/RTSP/RTCP
	Support Device	IPC, DVR, NVR, NVS
	Video Resolution	800W/500W/300W/1080P/UXGA/720P/D1/HD1/2CIF/CIF/QCIF
Video Output		
VDC0404D-M70 (DVI)	Decoding Capability	4CH@800W(15fps)/4CH@500W(25fps)/4CH@300W(40fps)/16CH@1080P/32CH@720P/64CH@D1
	Interface	4ch DVI-D (HDMI with convertor)
	Split	1/4/6/8/9/16
VDC0404H-M70 (HDMI)	Decoding Capability	4CH@800W(15fps)/4CH@500W(25fps)/4CH@300W(40fps)/16CH@1080P/32CH@720P/64CH@D1
	Interface	4ch HDMI
	Split	1/4/6/8/9/16
VDC0404V-M70 (VGA)	Decoding Capability	4CH@800W(15fps)/4CH@500W(25fps)/4CH@300W(40fps)/16CH@1080P/32CH@720P/64CH@D1
	Interface	4ch VGA
	Split	1/4/6/8/9/16
VDC0404B-M70 (BNC)	Decoding Capability	16CH@1080P/32CH@720P/64CH@D1
	Interface	4ch BNC
	Resolution	D1/2CIF/CIF/QCIF
	Split	1/4/9, free split
Storage		
VS0201R-M70 (RAID Card)	Storage Capability	2 pcs SAS storage device, support 48 4T HDDs
	Interface	2ch mini SAS
	RAID	RAID0/RAID1/RAID5/RAID6/RAID10
Matrix Switch		

M70-4U

Video Input	Analog Camera, Digital Camera, IPC, DVR, NVS, NVR and etc.	
IP HD Matrix Switch	2048 IP input, 160ch@1080p, 360ch@720p, 640ch@D1	
Video-Wall		
Decoding Card Video-Wall Splicing	Splicing	Support video-wall splicing (max 40 LCD display units)
	Video-Wall	Support Splicing Zoom/Merge/Roam/Overlay
	Input Source	HD/SD, Digital/Analog (support mix input)
	Output Port	DVI-D
	Control Mode	PC client-end/Local Operate Menu/Network Keyboard/IPAD
Network		
Interface	2 RJ-45 ports (10/100/1000M)	
Serial Port	4 RS232 ports (1 DB9, 3 RJ45), for console and control 1 RS485 ports	
USB	3 USB2.0, 1 USB3.0	
Environmental		
Power Supply	DC48V, 47-63Hz(optional), AC 100~120V / 200~240V	
Power Consumption	≤600W	
Working Environment	-10°C ~ +50°C / 10~90%RH / 86~106kpa	
Dimension	4U, 482.6mm×496mm×177.8mm(W×D×H)	
Weight	≤25Kg	



Make your life safer

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×Design and specifications are subject to change without notice.

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