

Multi-service Video Management Platform



Features

- 19" standard 12U ATCA industry box
- Easy and flexible configuration with pluggable card module design
- Function card supports hot-swap
- DC/AC Power supply
- 160ch@1080P or 320ch@D1 signal encoding (full configured)
- 240ch@4K or 960ch@1080P or 3840ch@D1 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
- Support switch via network keyboard, client-end and etc.
- 8 RJ-45 ports and 8 optical ports (can't be used simultaneously) for matrix control, preview and online central storage.
- Support TCP/IP/RTP/RTSP/RTCP/TCP/UDP/DHCP/PPPoE and etc. network protocols
- Support network extended alarm signal input and output
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc operations
- Support functions as filter, whitelist and etc.

Specifications

Model		M60-12U
System Parameter		
Main Processor	64-bit Quad-core Embedded Microprocessor	
Operating System	Embedded LINUX	
Bus	PCI-E	
Slot	11(1 Main Control Board Slot, 10 Video and Audio Function Board)	
System Configuration		
Mainframe	2 Power Supply, Main Control board, PCI-E Bus rear Panel, Smart Temperature Controlled Fan	
Video Input Card	Max.10	
Video Output Card	Max.10	
Alarm Card	Optional	
Intelligent Analysis Card	Optional	
Cascaded Fiber Link Card	Optional	
Network Access Capacity		
Network Access	8 RJ-45 ports(10/100/1000M) Optical ports Optional	
	8Gbps Network Interface Bandwidth	
	5000 Cameras Access	
	Max.200 1080P@8M Forward capability	
Matrix Exchange and Splicing Control Capacity		
Matrix Exchange	Video Input	Analog, Digital, IPC, DVR, NVS, NVR and etc
	IP HD Matrix Switch	80ch@1080P, 160ch@720P, 320ch@D1
	Non-compressed HD Video Switch	For example, 128/16 in/out, 96/32 in/out
	Non-compressed SD Video Switch	For example, 256/48 in/out
Decoding card Video-Wall Splicing	Splicing	Max 180 splicing screens
	Video Wall	Support Splicing Zoom/Merge/Roam/Overlay

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	Input Source	HD/SD, Digital/Analog (support mix input)
	Output Source	HDMI/DVI/VGA/BNC
	Control Mode	PC client-end/Local Operate Menu/Network Keyboard/IPAD
Video Encoding Input		
VEC3204FB-M60 (CVBS)	Interface	BNC (1.0VP-P,impedance:75Ω)
	Signal System	PAL/NTSC self-adaption
	Encode Format	H.264/MPEG4
	Encoding Capacity	32CH@D1
	Audio Input	32, DB26 interface(2.0Vp-p, impedance:1KΩ)
	RS485	2 RS485, Support current speed dome protocol
VEC1604HC-M60 (HDCVI)	Video Input	BNC (1.0VP-P,impedance:75Ω)
	Signal System	HDCVI
	Encoding Format	H.264/MPEG4
	Encoding Capacity	16CH@1080P
	Audio Input	16, Support HDCVI standard, Video and Audio transmission in coaxial cable
	Vulgar data interface	2 RS485, Support current speed dome protocol, Support Video and Audio transmission in coaxial cable
VEC1604HS-M60(HD-SDI)	Video Input	BNC(1.0VP-P,impedance:75Ω)
	Encoding Format	H.264/MPEG4
	Encoding Capacity	16CH@1080P
	Audio Input	16, DB26 interface(2.0Vp-p, impedance:1KΩ)
	Vulgar data interface	2 RS485, Support current speed dome protocol, Support Video and Audio transmission in coaxial cable
VEC0804HD-M60(DVI/VGA/HDMI)	Video Input	DVI-I, standard configuration support VGA、DVI、HDMI via adapter
	Encoding Format	H.264/MPEG4

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	Encoding Capacity	8CH@1080P
		SXGA+/SXGA/XGA/SVGA/VGA, Support VGA、YPbPr Line by line weight signal, Support RGBHV and SOG, Support HDMI via adapter
	Audio Input	8, DB26 interface(2.0Vp-p, impedance:1KΩ)
	Vulgar data interface	2 RS485, Support current speed dome protocol
VEC1604HF-M60 (Fiber Video)	Optical Module	SFP
	Fiber Interface	LC
	Encoding Format	H.264/MPEG4
	Encoding Capacity	16CH@1080P
	Audio Input	16, DB26 interface(2.0Vp-p, impedance:1KΩ)
	Vulgar data interface	2 RS485, Support current speed dome protocol
Network Video	Encoding Format	H.264/MPEG4/ONVIF/PISA
	Transport protocol	TCP/UDP/RTP/RTSP/RTCP
	Access Device	IPC,DVR,NVS,NVR
	Resolution	500W/300W/1080P/UXGA/720P/D1/HD1/2CIF/CIF/QCIF
Video Decoding Output		
VDC1204B-M60 (CVBS)	Encoding Capacity	32CH@1080P/128CH@D1
	Video Output	12ch BNC
	Audio Output	12ch line out, DB15
	Division	1/4/6/8/9
	Vulgar data interface	2 RS485, Support current speed dome protocol
VDC2404B-M60 (CVBS)	Encoding Capacity	24CH@1080P/96CH@D1
	Video Output	24ch BNC
	Audio	12ch line out, DB15, for the corresponding 1-12ch

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	Output	video output
	Division	1/4, 1/4/8/9 in splicing screen
	Vulgar data interface	2 RS485, Support current speed dome protocol
VDC0804S-M60 (HD-SDI)	Encoding Capacity	32CH@1080P/64CH@720P/128CH@D1
	Video Output	8ch BNC, Support HD-SDI output
	Audio Output	8ch line out, DB15
	Division	1/4/6/8/9/16
	Vulgar data interface	2 RS485, Support current speed dome protocol
VDC0804V-M60 (VGA)	Encoding Capacity	32CH@1080P/64CH@720P/128CH@D1
	Video Output	8ch VGA
	Audio Output	8ch line out, DB15
	Division	1/4/6/8/9/16
	Vulgar data interface	2 RS485, Support current speed dome protocol
VDC0804D-M60 (DVI)	Encoding Capacity	32CH@1080P/64CH@720P/128CH@D1
	Video Output	8ch DVI-D (HDMI with convertor)
	Audio Output	8ch line out, DB15
	Division	1/4/6/8/9/16
	Vulgar data interface	2 RS485, Support current speed dome protocol
VDC0804H-M60 (HDMI)	Encoding Capacity	32CH@1080P/64CH@720P/128CH@D1(500w/8, 300w/8, 800w/8)
	Video Output	8ch HDMI
	Audio Output	8ch line out, DB15
	Division	1/4/6/8/9/16
	Vulgar data interface	2 RS485, Support current speed dome protocol
VDC0905H-M60 (HDMI)	Encoding Capacity	12CH@12MP(15fps)/12CH@4K/48CH@1080p/96CH@720p/192CH@D1

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	Video Output	9ch HDMI
	Audio Output	9ch, HDMI embedded audio and 1 DB15(VGA) (2.0Vp-p,1KΩ), G.711a
	Division	1/4/6/8/9/16/25
	Vulgar data interface	2 RS285, 4/2 Alarm in/out
VDC1205H-M60 (HDMI)	Encoding Capacity	16CH@12MP(15fps)/16CH@4K/64CH@1080p/128CH@720p/256CH@D1
	Video Output	12ch HDMI
	Audio Output	12ch, HDMI embedded audio and 2 DB15(VGA) (2.0Vp-p,1KΩ), G.711a
	Division	1/4/6/8/9/16/25
	Vulgar data interface	2 RS285, 4/2 Alarm in/out
VDC1505H-M60 (HDMI)	Encoding Capacity	20CH@12MP(15fps)/20CH@4K/80CH@1080p/160CH@720p/320CH@D1
	Video Output	15ch HDMI
	Audio Output	15ch, HDMI embedded audio and 2 DB15(VGA) (2.0Vp-p,1KΩ), G.711a
	Division	1/4/6/8/9/16/25
	Vulgar data interface	2 RS285, 4/2 Alarm in/out
VDC1805H-M60 (HDMI)	Encoding Capacity	24CH@12MP(15fps)/24CH@4K/96CH@1080p/192CH@720p/384CH@D1
	Video Output	18ch HDMI
	Audio Output	18ch, HDMI embedded audio and 2 DB15(VGA) (2.0Vp-p,1KΩ), G.711a
	Division	1/4/6/8/9/16/25
	Vulgar data interface	2 RS285, 4/2 Alarm in/out
Intelligent Analysis		
VFC3212I-M60	Intelligent Analysis	12CH@1080P/16ch@720P/32CH@D1
	Resolution	1080P/720P/D1
	Analysis Capacity	Tripwire, Intrusion, Cross warning Zone, Fence Crossing, Loitering Detection, etc, Support alarm linkage

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VFC3212IO-M60	Intelligent Analysis	12CH@1080P/16CH@720P/32CH@D1
	Resolution	1080P/720P/D1
	Analysis Capacity	Tripwire, Intrusion, Cross warning Zone, Fence Crossing, Loitering Detection, etc, Support alarm linkage
	Alarm input and output	32ch alarm input and 16ch alarm output
Alarm Signal		
VFC6416MI-M60	Alarm input and output	64ch alarm input and 16ch alarm output
	Serial Interface	4 RS232, 8 RS485/422(optional), RJ45
	Others	Support alarm linkage, transparent serial port
System Cascade		
VFC0804JF-M60	Optical Module	8, SFP external
	Interface	LC, (8 in single board)
	Cascade Capacity	16ch@HD or 64ch@SD, Support Ethernet and direct transmission via RS485
VFC0804JC-M60	Optical Module	8, SFP inside
	Interface	FC, (2 in single board)
	Cascade Capacity	16ch@HD or 64ch@SD, Support Ethernet and direct transmission via RS485
Main Control Interface		
Output Interface	1, VGA and DVI	
Communication Interface	8, RJ45(1000M) or 8, SFP(Alternative)	
Serial Interface	1, RS-232, For the parameter configuration, device maintain, transparent channel	
USB	4, USB2.0, 2 in each side of front and after	
Expansion Interface	1, Esata	
Others		
Power	48V, 47-63Hz, DC or 100~120V and 200~240V, AC	
Power Consumption	≤800W	
Operating Temperature	0C° - + 50C°	
Operating humidity	10% - 90% 86kpa - 106kpa	
Dimension(mm)	482.6mm*496mm*532.6mm(W×D×H)	
weight	≤40Kg(full configured)	



Make your life safer

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