



PEARMAIN®
Electronics



Pearmain IP Matrix Switcher, PM60EA/00-8H

8ch HDMI output, resolution up to 4K, powerful video wall management functions

support 16ch 4K or 64ch 1080P@30hz or 128ch 720P or 256ch D1: نمایش همزمان

8CH, odd port support 4K output: خروجی



PM60EA/00-8H Network matrix switcher is decoding matrix, can decode stream of onvif/H265/264 & RTSP, it is also a Video Wall Controller system with 8ch HDMI output@4K resolution, perfect video wall management, including split, splicing, PIP, Plan, Cruise, etc. simple operation like analog system .

It can take stream from other platform on base of protocol or SDK

- H.265 & H.264 ,ONVIF compatible
- support 8ch HDMI output@ 4K resolution
- Support for network media, ONVIF, RTSP data input
- Support computer keyboard & Mouse direct input, U Flash storage.
- Standalone ,1RU chassis with 8ch HDMI outputs, besides it, there is 12RU/ 5.5RU/4RU chassis for mutiple modular card, and 4ch/ 2ch standalone available.
- Every odd output support 4K resolution.
- Each Video Output can identify optimum resolution automatically, or allow the user to change the output resolution manually. Maximum supported resolution per card 3840x2160 @60Hz.
- Support 4K ,1080P ,1080I ,720P, D1 video formats
- Support 16ch at 4K or 64ch at 1080P or 128ch at 720P decoding and display.
- Support video-splitting output, up to 8x8 windows split on one monitor
- Support monitor splicing by any size ,splitting, windowing, zooming in & out

تهران، خیابان خرمشهر (آبادان)، نبش کوچه ویدا، پلاک ۱۲۰
کدپستی: ۱۵۵۳۷۱۳۳۱۳
تلفن: ۸۸۷۳۶۵۷۱ / تلفکس: ۸۸۵۰۴۵۲۴

eyevis
video wall, stream

SeeTec
Software for Video Security

infinitus
ip camera manufacturer

AMOUT

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- Support audio input and output, also monitoring, broadcasting and intercom functions are supported
- Support OSD, title, time and warning messages can overlap on the displayed video
- Compatible with branded IPC without use of streaming media server
- Compatible with Onvif 2.4 ,and RTSP protocols
- Matrix Client software could configure all parameter, perfect video wall management functions.
- Video preview & PTZ control on ip matrix software
- IOS / Android APP

Specification and Parameter

مشخصات فنی

Interface Parameter	
HDMI input	none
BNC input	none
HDMI output	8CH, odd port support 4K output
Ethernet	100M/1000M adaptive RJ45 port
Audio input	1ch ,Φ3.5 earphone socket.
Audio output	1ch ,Φ3.5 earphone socket.
alarm output	support (rack construction)
USB2.0	support
RS232	support
Video Parameter	
network video decoding	H.265, H.264
network video input	4K, 1080P, 1080I, 720P, D1
HDMI output resolution	1024×768P@60Hz, 1280×720P@60Hz,
	1366×768P@60Hz, 1920×1080P@60Hz,
	3840×2160@60Hz

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Interface Parameter	
video decode and display	support 16ch 4K or 64ch 1080P@30hz or 128ch 72P or 256ch D1
monitor splicing	48 monitor splicing (rack construction)
monitor splitting and display	Support 4/9/16/25/32/48/64 splitting and display
OSD	Supports Chinese/English OSD character superposition;
	Time display, Monitor No. display.
	Support titles overlaying, Maximum 16 titles overlay in one screen, maximum 40 characters per title;
	Alarm information display;.
Audio Codec	G.711,G.726,ADPCM Audio encode/decode.
On/Mute	Supports all channels and single channel quick setting individually.
Audio input	one module support 1CH audio encode, it can be set to open/close audio input.
Management and Maintenance	
Basic function	Multi-user login/logout, Maximum support s 72 users online at same time, operation pe rmission definition; Supports video switchi ng and controlling. Support Segmentation display mode manag ement. Automatic inspection, setting and call. Sup ports rollback playing.

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VISION VIDEO SURVEILLANCE

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IP CAMERA MANUFACTURER

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System management and configuration	PETNET protocol available, support web configure, configuration upload and reload, operation permission setting and management
Maintenance	system log available. Fault detection and report. support online updating.
Other	
time synchronization	interior RTC, it could time automatic synchronization, offer standard port, to keep sync. To time server inside the system.
alarm input	support network alarm input
alarm output	one module can provide with 1CH alarm switching value output and network alarm output
Alarm Processing	Multiple alarm event processing mode
Screen control	video screen control port available;
best resolution identification	support best resolution identification
power supply	AC100 to 220
Power consumption	15W
working temperature	0~55°C
working humidity	10%~90%;
structure	standard structure design

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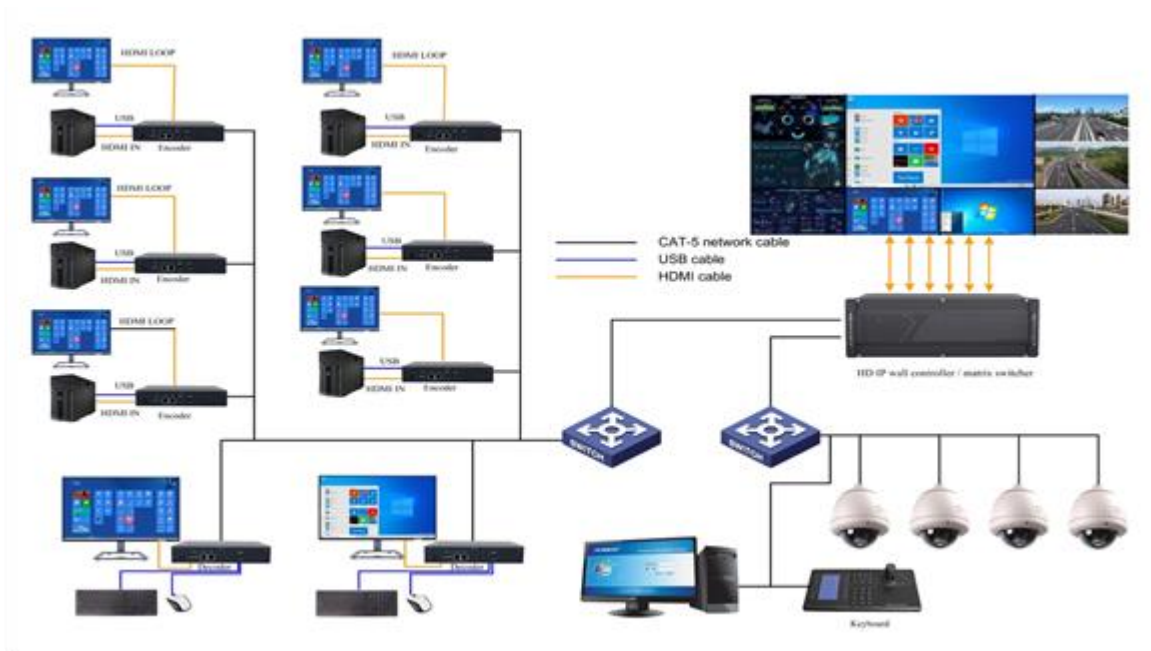
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بلوک دیاگرام



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