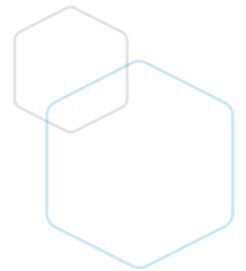




Matrix

Control room solution



Key Features

- > Rackmountable industrial design
- > Can drive 16 HDMI screens
- > Support unlimited network cameras
- > Up to 8 slots for mounting decoding modules
- > Support 4K, 1080P, 720P and D1 video format
- > Support standard H.265, H.264, MPEG4
- > Support for network media, ONVIF, RTSP data input
- > Each card can support 2ch HDMI output, every odd output support 4K output
- > Single module support 4ch at 4K or 32ch at 1080P or 64ch at 720P decoding and display
- > Support video-splitting output, or 5x5 windows maximum on one monitor

SPECIFICATIONS

INTERFACE PARAMETER

HDMI input	1CH HDMI input per card, support 4 signal input
CVBS input	4CH CVBS input per card, BNC port
HDMI output	2 CH per card, 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, MPEG4
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
Video decode and display	One module support 4CH 4K or 16ch 1080P@30hz or 32ch 720P or 64ch 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 supports 72 users online at same time, operation permission definition Supports video switching and controlling Support Segmentation display mode management Automatic inspection, setting and call Supports rollback playing
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System management and configuration

Maintenance

PETNET protocol available, support web configure, configuration upload and reload, operation permission setting and management

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	One module Power supply: DC 12V Chassis power supply: AC 220
Power consumption	One module 15W
Working temperature	0~55°C
Working humidity	10%~90%
Structure	Standard structure design
Dimensions	492 x 156 x 248mm

MODELS

PART No.	MODEL
1701002	CB-IPMA-04
1701003	CB-IPMA-08
1701005	CB-IPMA-16

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