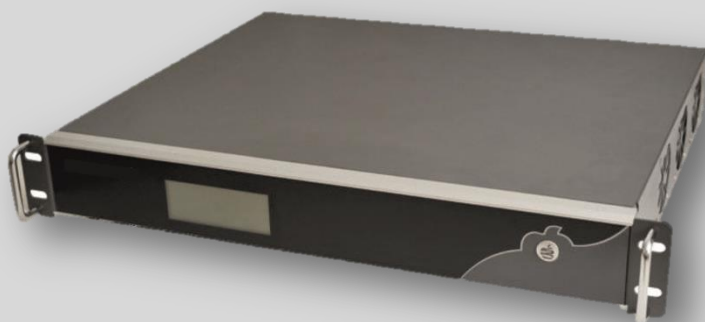


HD Digital Matrix Controller



Specification and Parameter

Model	PM7001-4	PM7001-8	PM7004-4	PM7008-4
Interface Parameter				
DVI input	1 CH DVI-I	1 CH DVI-I	4 CH DVI	8CH DVI
DVI output	4 CH DVI-I	8 CH DVI-I	4 CH DVI-I	4 CH DVI-I
Ethernet	3 CH, 100M/1000M adaptable Ethernet interface			
Audio input	1 CH			
Audio output	2 CH	4 CH	2 CH	2 CH
Alarm output	2 CH, alarm switching value output			
RS232/RS422	1 RS232 port and 1 RS422 port			
Video Parameter				
network video decoding	H.264、MPEG4			
network video input	1080P、720P、D1			
DVI input resolution	1024×768P@60Hz、1280×720P@60Hz 1920×1080P@60Hz、1920×1080I@60Hz 1920×1080P@50Hz、1920×1080I@50Hz			
DVI output resolution	1024×768P@60Hz、1280×720P@60Hz、 1366×768P@60Hz、1920×1080P@60Hz			
video decode and display	8 CH 1080P	16 CH 1080P	8 CH 1080P	8 CH 1080P
Monitor Splicing	4 CH Splicing	8 CH Splicing	4 CH Splicing	4 CH Splicing
Splicing	-I series support cascading function, 9 devices cascading for maximum			
Segmentation display	Support 1/4/9/16 windows display maximum 2x2 screens@1080P maximum 3x3 screens@720P maximum 4x4 screens@D1			
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 Parameter

Model	PM7001-4	PM7001-8	PM7004-4	PM7008-4
Audio Codec	G.711, G.726, ADPCM Audio encode/decode.			
On/Mute	Supports all channels and single channel quick setting individually.			
Audio input	1ch audio encode, turn on/off for Audio input.			
Audio switch	2 CH switch freely	4 CH switch freely	2 CH switch freely	2 CH switch freely
Broadcast/intercom	1ch intercom. Supports regional broadcast in LAN (local area network) . Supports regional broadcast in all area network .			

Management and maintenance

Basic function Multi-user login/logout, Maximum supports 72 users online at same time.
Supports video switching and controlling.
Support Segmentation display mode management
Automatic inspection, setting and call.
Supports rollback playing.

system manage and configuration Support web configure, configuration upload and reload.
SDK available.
operation permission setting and management

Maintenance system log available
Fault detection and report.
Support online updating.

Other

Platform integration support
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 2ch alarm relay out 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 consumption <100W

working temperature 0~55℃

working humidity 10%~90%

structure 1U



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