CMS-P3A
H.264 Dual-Stream Networking Digital Video/Audio Recorder

CMS-P3A series offers the best total solution of the DVR to the video surveillance market. This series allows the user to build a DVR machine from 16, 32, 48, and 64 channels video ports and audio ports.

Features

■ Allow to function the monitoring, recording, playback and remote video transfer simultaneously.
■ Offer 16/32 video inputs with 16/32 audio inputs
■ Use WDR (Wide Dynamic Range) technology to enhance the input video signal's quality
■ Offer dual video streams (H.264) for each video channel
■ Provide 2 video compression types : Hybrid-VBC (Variable Bit rate Control) and CBC (Constant Bit Rate Control)
■ Support CIF (352x288 / 352x240) and D1 (704x576 / 704x480)
■ Recording speed : 25/30 fps/cam @ CIF, 12.5/15 fps/cam @ D1
■ Monitoring speed : 25/30 fps/cam
■ User friendly GUI
■ Offer 1, 4, 6, 9, 16, 25, 36, 49 and 64 split monitor window
■ Offer auto scan function : When the monitoring window is in 1, 4, 9, and 16 split window mode, it can be rotated automatically.
■ Allow to hide part of the image by using the image mask function
■ Allow to set the working parameter of each channel independently
■ Allow to adjust the video signal of each channel independently
■ Show camera name and day&time on image
■ Provide Manual recording, Auto recording, Schedule recording, Recording triggered by motion detection or alarm input ports
■ Offer recyclable recording
■ Provide local and remote audio monitoring
■ Easy to search and play the stored video films
■ Play 16 video films simultaneously
■ Can take pictures while in live view and playback
■ Provide image motion detection and video loss detection
■ Support many protocols to control the external PTZ controllers and speed domes
■ Support many protocols to control the external I/O controllers
■ Offer local alarms and remote alarms
■ Each camera and alarm input ports can have its special alarm sound
■ Offer the user authorization management with password protection
■ Offer eMAP
■ Offer operation, login, and alarm logs
■ Offer Auto execution DVR, Auto reboot, and Auto shutdown
■ Automatically check the network status and auto re-link with the security network.
■ Offer remote monitoring, remote setup, remote status check, remote file retrieve, and remote operation log review
■ Support PSTN、ISDN、LAN、Internet

Specification

	P3A-16	P3A-32	P3A-48	P3A-64
System Specification				
Operation system	WinXP or Win7-32 bit			
RAM module	4GB			
System HDD	8GB CF card or normal SATA HDD			
Internal HDD space	Up to 10 * 3.5" SATA HDD			
DVR Specification				
Video inputs	16	32	48	64
Video standard	PAL / NTSC			
Video compression	H.264			
Video encoding type	Hybrid-VBC and CBC			
Video resolution	CIF (352x288 / 352x240)			
	D1 (704x576 / 704x480)			
Local monitoring speed	25/30 fps/cam			
Max. recording speed	25/30 fps@CIF			
(Single stream mode)	12.5/15 fps@D1			
Max. recording speed	25/30 fps@CIF + 25/30 fps@CIF			
(Dual stream mode)	6/7 fps@D1 + 25/30 fps@CIF			
Audio input (option)	16	32	48	48
Audio rate (Recording)	16K byte/sec			
Hardware Specification (Rear Panel)				
Video connector (DB15-F)	2	4	6	8
Audio connector (option)	2	4	6	6
VGA port	1			
RS232 port	3			
LAN port	2 (Gigabit LAN)			
USB port	4			
Keyboard & mouse port	2 (PS2)			
Hardware Specification (Front Panel)				
USB port	2			
HDD LED indicator	1			
Power LED indicator	1			
Physical				
Dimension	19", 3U			
Accessories				
Video cables	2	4	6	8
Audio cables	2	4	6	6
Software				
SCode DVR software	Included			
SCode Server Software	Included			
Options				
Embedded O.S.	WinXP or Win7-32bit embedded			
System HDD	8GB CF card or normal SATA HDD			
Storage HDD	2TB SATA HDD			
e-SATA card	PCI interface card			
Alarm I/O card (1)	4-IN / 4-out I/O control card			
Alarm I/O card (2)	16-IN / 16-out I/O control card			
RS232/485 converter				
Chassis	Allowed customization			

Note : Options will be depended on the brackets available.