CMS-P2A
H.264 Dual-Stream Networking Digital Video/Audio Recorder

COMMELL

CMS-P2A 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 and 32 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, and 36 split monitor window
- Offer auto scan function : When the monitoring window is in 1, 4 ,and 9 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

	P2A-16	P2A-32
System Specification		
Operation system	WinXP or Win7-32 bit	
RAM module	4GB	
System HDD	8GB CF card or normal SATA HDD	
Internal HDD space	2 * 3.5" SATA HDD	
DVR Specification		
Video inputs	16	32
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 (Single stream mode)	25/30 fps@CIF 12.5/15 fps@D1	
Max. recording speed (Dual stream mode)	25/30 fps@CIF + 25/30 fps@CIF 6/7 fps@D1 + 25/30 fps@CIF	
Audio input (option)	16	32
Audio rate (Recording)	16K byte/sec	
Hardware Specification (Rear Panel)		
Video connector	Female DB15 *2	Female DB15 *4
Audio connector (option)	Female DB15 *2	Female DB15 *4
VGA port	1	
RS232 port	1	
LAN port	1 (Gigabit LAN)	
Keyboard & mouse port	1 (PS2)	
Hardware Specification (Front Panel)		
USB port	2	
HDD LED indicator	1	
Power LED indicator	1	
Physical		
Dimension	19", 2U	
Accessories		
Video cables	2	4
Audio cables	2	4
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.