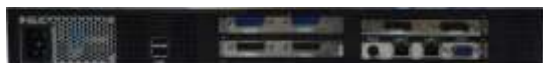


CMS-P1A series offers the best total solution of the DVR to the video surveillance market. This series allows the user to build a DVR machine from 16 and 32 channels video ports and audio ports.



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

| | P1A-16 | P1A-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 | 16 |
| 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 *2 |
| 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", 1U | |
| Accessories | | |
| Video cables | 2 | 4 |
| Audio cables (option) | 2 | 2 |
| 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.