



Active System Integration

CP-SMR-0404H1S

H.264 dual-stream Video Compression

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Technical Specification

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|---------------------|---|
| Processor | High performance embedded microprocessor |
| Operating System | Embedded LINUX |
| System Resources | Pentaplex function: live, recording, playback, backup & remote access |
| Control Devices | Front panel, USB mouse, IR remote control, Keyboard, Network |
| Video Input | 16 channel, BNC(1.0Vp-p, 75Ω) |
| Video Output | 1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω) |
| Video Standard | NTSC(525Line, 60f/s), PAL(625Line, 50f/s) |
| Compression | H.264 / G.711 |
| Video Resolution | 1920×1080, 1280×1024, 1280×720, 1024×768, 800×600 |
| Video Recording | D1/HD1/2CIF/CIF(1~25/30fps) |
| Video Display Split | 1/4/8/9/16 |

Features

- Up to 16 cameras with full HD 1080P display
- H.264 dual-stream video compression
- Full channel D1(4CIF) realtime recording
- HDMI / VGA / TV/Spot(BNC) synchronous video output
- Live, recording, playback, backup & remote access
- All channel simultaneous realtime playback & smart search
- Support 2 SATA HDDs & CD/DVD-RW, 2 USB2.0
- Smart video detection: MD, camera blank, video loss



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| Privacy Masking | 4 self-defined four-sided zones for privacy masking for each camera |
| Audio Input | 4 channel, RCA(200-2800mV, 30KΩ) |
| Bi-directional Talk Input | 1 channel Input, RCA(200-2800mV, 30KΩ) |
| Audio Output | 1 channel, RCA(200-3000mV, 5KΩ) |
| Video Loss | Support |
| Camera Blank | Support |
| Alarm Input | 16 channel |
| Hard Disk | 2 SATA ports, 2 HDDs or 1 HDD + 1 CD/DVD-RW, Max 2TB per HDD supported |
| HDD Management | Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy) |
| Recording Mode | Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop |
| Recording Priority | Manual >Alarm >MD >Regular |
| Search Mode | Time/Date, Alarm, MD & Exact search (accurate to second), Smart search |



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| Playback | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size) |
| Backup Mode | Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device / Built-in SATA burner/ Network download |
| Interface Ports | 2 USB Ports, 1 RJ45, 1 RS232, 1 RS485 |
| Protocols | HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server |
| Remote Operations | Monitor, PTZ control, Playback, System setting, File download, Log information |
| Power Supply | DC12V/3.3A |
| Power Consumption | 15W(without HDD) |
| Working Temp | -10°C ~+55°C / 10~90%RH / 86~106kpa |
| Dimensions | 1.5U, 440mm×460mm×68mm(W×D×H) |
| Weight | 5.0KG(without HDD) |