

Embedded NVR

Reliable Network Video Recorder for Multi-sites Applications

4/8/16 Network Video Recorder



CP-R304



CP-R216



CP-R208

Main Features

- Backup Recorded Video to USB HDD (CP-R208,CP-R216)
- Built-in 8 x DI, 4 x DO for Event Management (CP-R208,CP-R216)
- Compatible with Major Brand Camera
- Easy to remove HDD Tray (CP-R304,CP-R208)
- E-map and Google Map Event Alert
- Export Playback Videos to AVI
- High Quality Live/Playback Video (CP-R304,CP-R208)
- Manage up to 4/8/16 Network Cameras
- Max. Storage Capacity of 12TB (CP-R216)
- Mobile Devices Remote Monitoring
- Smart Camera Search
- Support Digital PTZ on Live and Playback (CP-R216)
- Support E-SATA External Storage (CP-R216)
- Support up to 120fps @ 1.3MP (H.264) (CP-R304)
- Support up to 240fps @ 1.3MP (H.264) (CP-R208)
- Support up to 480fps @ D1 (H.264) (CP-R216)
- Support UPS (CP-R208,CP-R216)
- Two-way Audio

Specifications	CP-R304	CP-R208	CP-R216
CPU	ARM9 300Mhz	ARM9 500Mhz	
Memory	128MB DDR RAM		
Max Channels	4	8	16
Add Camera	Manual/ Smart Search		
Supported Brands	CP Plus/Axis/Sony/Panasonic/AVTech/Canon/ACTi/D-Link/Zavio/AMTK/Vivotek/Arecont Vision/Etrovision/LevelOne/ Mobotix/Toshiba/Abus/Planet/Pixord/IQInvision/A-Linking/Brickcom/Hunt/Edimax/Compro/Flexwatch/Dynacolor		
Video Compression	MJPEG/MPEG4/H.264		
Resolution	5MP/Full HD/MegaPixel/D1/CIF/QCIF		
Max Frame Rate	120fps @ 1.3MP, H.264	240fps @ 1.3MP, H.264	480fps @ D1, H.264
Audio	Two-way		
Split Screen	1&4	1,4&8	1/4/9/13/16
Display Mode	Live/Playback/Full Screen/Original Aspect Ratio		
USB Ports	2 x USB 2.0		
HDD	max. capacity 3TB (1.5TB each)	SATA HDD Slot x 2, max. capacity 4TB (2TB each)	Internal SATA x 2 (max. 4TB), External SATA x 1 (max. 8TB), total 12TB)
Ethernet	10/100 Mbps	Gigabit	
PTZ	Virtual PTZ Panel/Mouse-over-video PTZ/Digital PTZ/Auto Pan/Preset Sequence	Virtual PTZ Panel/Digital PTZ/Auto Pan/Preset Sequence	
Sequence Mode	Manually selected cameras in 1/4/6/9 split view/self-define patterns with configurable timer		
Snapshot	Video snapshot in JPEG		
E-Map	Motion detected events display on dual-layer E-Map	Motion detected events display on dual-layer E-Map/ Google map	
Mobile Device	Live JPEG with PT control through iPhone/Blackberry/WinMo/Symbian/Andriod phones built-in browser		
Playback Split Screen	1/4/6/9/13/16/25/32/64	1 & 4	
Search Methods	Time/Data, Event (with thumbnail displays)		
Event Search	All/Time/Channel/Event Type/Event ID		
Playback Controls	Play/Pause/Stop/Forward (speed adjustable)/Rewind (speed adjustable)/Frame by Frame/Event by Event		
Recording Mode	Manual/Continuous/Scheduling/Event		
Recording Schedule	Manual select/Profile based/Weekly mode		
Recording Throughput	18Mbps	30Mbps	
Network Protocols	TCP/UDP/HTTP/DHCP/DNS/ARP/ICMP/NTP/UPnP		
Event Detections	System Events/Camera Events		
Event Actions	Mail/FTP/Recording/DO		
Event Recording	Pre (3sec.)/Post (30sec.) Event Recording		
Privileges	Live View/Playback/System Configuration/Camera Configuration/Recording Configuration/Event Configuration/System Maintenance		
CMS Software	vOptimus CMS Basic 256Ch CMS Software		
Languages	Languages : English/Trad. Chinese/Simp. Chinese / Japanese / Spanish / Italian / German/Danish/Czech/Polish/ French/Russian/Slovensky/Hungarian/Portuguese		
Power	12V DC/4A	19V DC/4.74A	
Dimension	30 x 26 x 12 cm	22 x 21.5 x 8.1 cm	
Weight	2.1kg (Gross Weight)	4.5kg (Gross Weight)	
Temperature	5 °C ~ 40 °C (operating) / -20 °C ~ 70 °C (storage)	5 °C ~ 45 °C (operating) / -40 °C ~ 70 °C (storage)	
Humidity	10%RH ~ 80%RH (operating) / 5%RH ~ 90%RH (storage)	5%RH ~ 90%RH (non condensing)	
Security Certifications	CE/FCC	CE/FCC Class A	