CP-0404-0804-1604HD-U

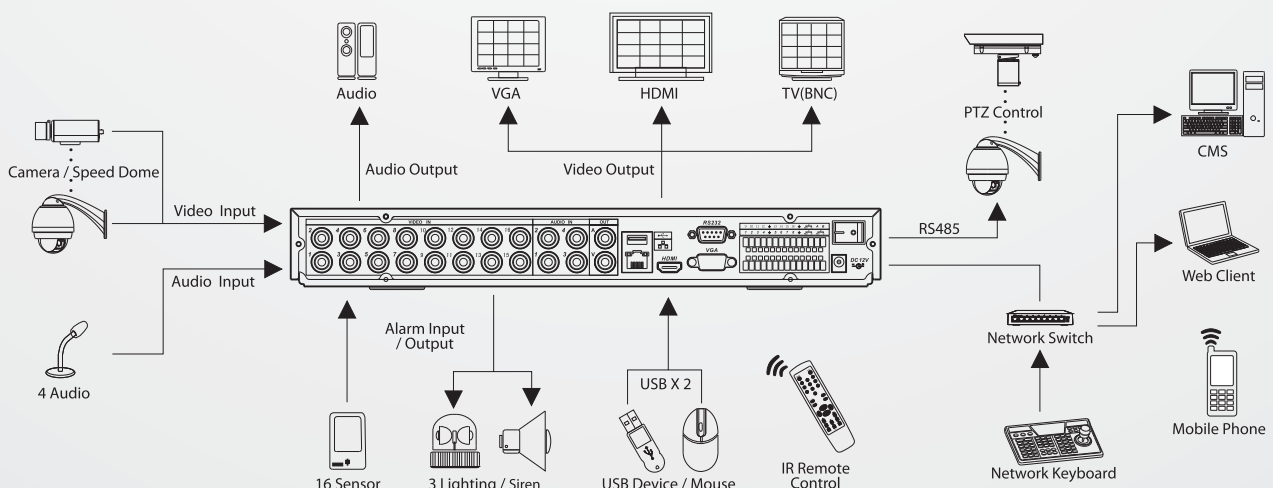## 4/8/16 Ch H.264 Real Time Standalone DVR

Main Features

- 4/8/16 Ch H.264 real time Standalone DVR
- All Channel real time recording for CIF and special channel 4CIF realtime recording
- All channel simultaneous playback
- H.264 video compression algorithm ideal
- All Channel full HD 1080P display
- Dual encoding streams support, flexible for network transmission
- Built-in web server, multi-DVR client & CMS
- 3D intelligent positioning with PTZ dome
- Easy backup: USB devices, CD/DVD-RW & network download
- Smart video detection: MD, camera blank, video loss
- TV(BNC)/VGA/HDMI synchronous video output

- Up to 4 SATA HDDs or 2 HDD + 1 CD/DVD-RW, 1 eSATA, 2 USB2.0
- "Pentaplex Operation : live, recording, playback, backup & remote access "
- Alarm triggering screen tips, buzzer, PTZ, e-mail, FTP upload

Connection

Specifications	CP-0404HD-U	CP-0804HD-U	CP-1604HD-U
Processor	High Performance Embedded Microprocessor		
Operating System	Embedded Linux		
System Resources	Pentaplex Functions: live, Recording, Playback, Backup & Remote access		
User Interface	GUI, on-screen menu tips		
Control Devices	Front panel, USB Mouse, Control Keyboard, IR Remote control, Network Keyboard		
Video Input	4 Ch., BNC, 1.0Vp-p, 75ohm	8 Ch., BNC, 1.0Vp-p, 75ohm	16 Ch., BNC, 1.0Vp-p, 75ohm
Video Output	1 Ch. TV Out BNC, 1.0Vp-p, 75ohm, VGA, HDMI, Max. Res.:1920x1080		
Loop Output	4 Ch., BNC, 1.0Vp-p, 75ohm	8 Ch., BNC, 1.0Vp-p, 75ohm	16 Ch., BNC, 1.0Vp-p, 75ohm
Video Standard	PAL: 625 Lines, 50f/s; NTSC: 525 Lines, 60f/s		
Compression	Video: H.264, Audio: G.711		
Video Resolution	D1(4CIF) NTSC:704x480, PAL:704x576, CIF NTSC:352x240 PAL:352x288, QCIF NTSC:176x120 PAL:176x144		
Video Recording	CIF/QCIF Pal:1FPS~25FPS, NTSC:1FPS~30FPS, 4CIF PAL:1FPS~6FPS, NTSC:1FPS~7FPS, 1st Ch. Full D1		CIF/QCIF PAL:1FPS~25FPS, NTSC:1FPS~30FPS, 4CIF PAL:1FPS~6FPS, NTSC:1FPS~7FPS, 1st & 9th Ch. Full D1
Extra Stream	QCIF PAL:1FPS~25FPS, NTSC:1FPS~30FPS,		
Video Display Split	Full and Multiple Screen Display, 1/4	Full and Multiple Screen Display, 1/4/9	Full and Multiple Screen Display, 1/4/9/16
Privacy Masking	4 Self defined four sided zones for each camera		
Camera Adjustment	Adjust color according to different time period		
Video Information	Camera title, time, video loss, camera lock, motion detection, recording		
Audio Input	4 Ch. BNC, 200~280mV, 30Kohm		
Bi-directional Talk Input	1 Ch. BNC, 200~280mV, 30Kohm		
Audio Output	1 Ch. BNC, 200~280mV, 30Kohm		
Motion Detection	Zones:396 (22*18) detection zones, Sensitivity:1~6 levels (level 6 is highest), Trigger Recording, PTZ movement, tour, alarm, email, matrix output		
Video Loss	Trigger Recording, PTZ movement, tour, alarm, email, matrix output		
Camera Blank	Trigger Recording, PTZ movement, tour, alarm, email, matrix output		
Alarm Input	16 Ch. Programmable, ground, manual open/closed, Trigger Recording, PTZ movement, tour, alarm, email, matrix output		
Alarm Output	6 Ch., 30V DC, 1A, NO/NC, form-C		
Hard Disk	4 SATA Ports, 4HDDs or 2HDDs+DVDRW supported, Max 2TB per port, e-SATA Port		
CD/DVDRW	Supported		
HDD Management	HDD Hibernation technology, HDD faulty alarm and RAID (Redundancy)		
Recording Mode	Manual, Continuous, Video Detection (including motion detection, camera blank, video loss), Alarm		
Recording Priority	Manual>Alarm>Video detection>Continuous		
Search Mode	Time/date, Alarm, Motion detection & exact search (accurate to second)		
Playback	All Ch. Simultanious playback, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection		
Dogital Zoom	Selected zone can zoom into full screen during live & playback		
Backup Mode	Flash disk, USB HDD, USB CD/DVDRW, network download		
Interface Ports	RJ45 x 1, USB 2.0 x 2, RS232 x 1, RS485 x 1		
Protocols	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server		
Remote Operations	Monitor, PTZ control, playback, system setting, file download, log information		
Power Supply	220V 50 Hz / 110V 60Hz		
Power Consumption	25W	30W	40W
Working Temp	-10°C~55°C		
Working Humidity	10%~90%		
Dimensions	1.5U, 440mmx460mmx68mm (W*D*H)		
Weight	6Kg without HDD		