

# CP-3216HD-U

32 Channel High Performance Standalone DVR

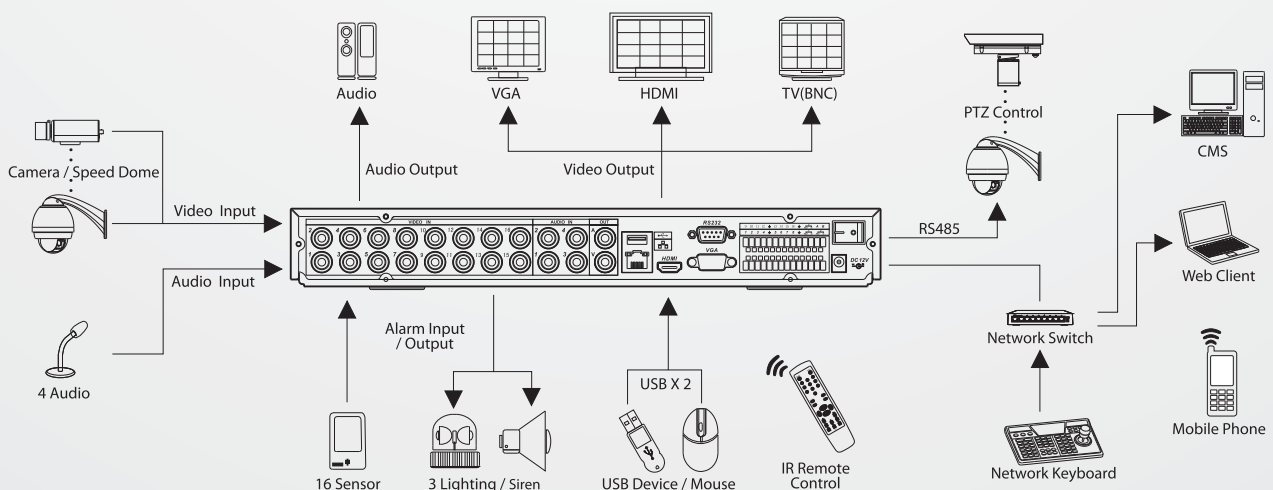


## Main Features

- 32 channel high performance standalone DVR
- Up to 32 cameras with full HD 1080P display
- H.264 video compression algorithm ideal
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/VGA/HDMI synchronous video output
- Live, recording, playback, backup & remote access
- 16 channel simultaneous playback
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with PTZ dome
- Easy backup: USB devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail, FTP upload
- Up to 8 SATA HDDs & CD/DVD-RW, 1 eSATA, 2 USB2.0
- Built-in web server, multi-DVR client, DMSS & CMS



## Connection



Specifications	CP-3216HD-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	32 Ch., BNC, 1.0Vp-p, 75 $\Omega$
Video Output	1 Ch. TV, 1 Spot Out BNC, 1.0Vp-p, 75 $\Omega$ , VGA, HDMI, Max. Res.:1920x1080
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,
Extra Stream	QCIF PAL:1FPS~25FPS, NTSC:1FPS~30FPS,
Video Display Split	Full and Multiple Screen Display, 1/4/8/9/16/36
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	16 Ch. BNC, 200~280mV, 30K $\Omega$
Bi-directional Talk Input	1 channel Input, BNC(200-2800mV, 30K $\Omega$ ), 1 channel Output, BNC(200-3000mV, 5K $\Omega$ )
Audio Output	1 Ch. BNC, 200~280mV, 30K $\Omega$
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	8 SATA Ports, 8HDDs or 6HDDs+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	16 Ch. Simultaneous playback, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Digital 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	40W
Working Temp	-10 $^{\circ}$ C~55 $^{\circ}$ C
Working Humidity	10%~90%
Dimensions	2U, 440mmx460mmx89mm (W*D*H)
Weight	6.5Kg without HDD