

Specification

Model	8CH DVR (UDR-808E)	16CH DVR (UDR-816E)
Image System	NTSC, PAL, AUTO selectable	
Multi-tasking	Quadplex	
Video Channel	8CH Composite, 8CH Loop through, BNC	16CH Composite, 16CH Loop through, BNC
Video Output	HDMI, VGA, CVBS 1EA, SPOT 3EA	
Video Compression	H.264	
Display Resolution	NTSC : 1280x1024(50hz, 60hz), 1440x900(60hz), 1920x1080p(50hz, 60hz), 1920x1080i(50hz, 60hz) PAL : 1280x1024(50hz, 60hz), 1440x900(60hz), 1920x1080p(50hz, 60hz), 1920x1080i(50hz, 60hz)	
Recording Resolution	720x480, 720x240, 360x240 (NTSC) / 720x576, 720x288, 360x288 (PAL)	
Recording Quality	4 Levels (Low, Normal, High, Highest)	
Max Display Speed	240 fps (NTSC) 200 fps (PAL)	480 fps (NTSC) 400 fps (PAL)
Max Recording Speed	240 fps (NTSC) 200 fps (PAL)	480 fps (NTSC) 400 fps (PAL)
Max Playback Speed	240 fps (NTSC) 200 fps (PAL)	480 fps (NTSC) 400 fps (PAL)
Time Laps Recording	1,2,3,4,5,6,7.5,10,15,30 (NTSC, 10 Steps)	
Interval (fps)	1,2,3,4,5,7.5,12.5,25 (PAL, 9 Steps)	
Recording Mode	Schedule, Event (Alarm, Motion, Video loss Detection), Manual	
Playback Search	Calendar, Event (Alarm, Motion, Video loss Detection)	
Playback Speed	x1, x2, x4, x8, x16 (Forward, Backward)	
Slow Motion	x1/2, x1/4	
Alarm Input	8 (NO/NC Selectable)	16 (NO/NC Selectable)
Alarm Output (Relay)	4 (NO/NC) , Relay	4 (NO/NC) , Relay
Audio In/Out	In: 8ch , Out: 1ch	In:16ch , Out: 1ch
Network	10/100/1000 Base-T (Static, DHCP, E-mail), DDNS	
3G	iPhone, iPad, android	
Private Function	22x18 (NTSC) / 22X18(PAL)	
Motion Detection	22x18 (NTSC) / 22x18 (PAL), 5 Level Sensitivity	
Hard Disk	3EA	
ESATA PORT	1EA	
Hard Status	SMART Function (Hard status)	
Backup	USB(Ver2.0), CD-RW/DVD-RW, Network	
PTZ Control	RS-485	
Serial Port	RS-232(Console, Reserved)	
Language	English,French, German,Italiano,Spanish,Portuguese,Russian,Japanese,Chinese,Korean	
S/W Upgrade	Network, USB Memory Stick	
Password Function	Power OFF, MENU, Record OFF, Key Lock	
Power Source	Free Voltage (100 - 240VAC, 50Hz/60Hz, 70W)	
Dimension	350(W) X 400(D) X 88(H)	
Operating Temperature	5° ~ 40°	
Weight	6Kg (without HDD)	

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H.264 8CH/16CH Full D1 Real Time DVR

8CH UDR-808E / 16CH UDR-816E

MAIN FEATURES

- H.264 8CH/16CH Full D1 Real Time recording and playback
8CH : 240fps@Full D1(NTSC), 200fps@Full D1(PAL)
16CH: 480fps@Full D1(NTSC), 400fps@Full D1(PAL)
- HDMI Video Output Supported
- CMS up to 64CH
- Smart phone Supported(iPhone, iPad, Android) Live, Playback, PTZ
- RAID Supported (0, 1, 5)
- e-SATA HDD Supported (1EA)
- Spot Monitor Output Supported(3EA)

H.264 8CH/16CH Full D1 Real Time DVR

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8CH UDR-808E / 16CH UDR-816E

01



816 Front

DVR SETUP



CMS



- Up to 64CH
- Remote DVR setup
- Audio for Playback and Live
- Group Management
- Playback & Backup from Remote DVR
- Alarm Event
- PTZ Control

H.264 8CH/16CH Full D1 Real Time DVR

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8CH UDR-808E / 16CH UDR-816E

02



816 Rear

KEY FEATURES

- H.264 Compression
- D1 Real-time Recording & Playback supported
8CH : 240fps @ Full D1(NTSC), 200fps@Full D1(PAL)
16CH : 480fps @ Full D1(NTSC),400fps @ Full D1(PAL)
- HDMI Video Output
- Quadplex mode for simultaneous recording, playback, backup, network transmission
- Remote viewing, access and control, backup through the network
- Dynamic IP supported (DHCP)
- CMS(Central Monitoring Station) supports up to 64 channels
- Monitoring by Internet explorer
- Alarm Triggered E-Mail alert function
- Various Event Notification(Video POP-UP, Icon, Buzzer, Relay Output)
- NTP(Network Time Protocol) Supported
- Various alarm events: Motion detection, External Sensors & Video detection
- Various backup method : USB(2.0), CD-RW or DVD and Network
- Audio recording available (8CH/16CH)
- Emergency Recording with max frame rate and quality
- Pre alarm recording and Post alarm recording
- Convenient search by calendar, event (motion, sensor)
- Spot monitor output (3EA)
- Quick playback & field-by-field viewing the Jog/Shuttle dial
- Slow play function (x1/2, x1/4)
- PTZ control through RS-485
- e-SATA HDD supported (1EA)
- RAID supported (0, 1, 5)
- Smart phone supported (iPhone, iPad, android) Live, Playback, PTZ
- Security password protection
- Easy software update via USB port and Network
- IR remote control & Mouse supported
- Multi language supported
- Dual video mode : Selectable NTSC & PAL
- Loop through output with auto termination
- Free volt power input (100V ~ 240VAC, 50Hz/ 60Hz)