960H DVR (Premium)

HE-4100/4200 Series User Friendly Standard & Premium Grade DVR

• ezP2P™ Cloud Service without any complicated network setting

- ezLink[™] for Instant Live Monitoring with Mac Address Input
- 2 x Typical **PUSH Functions**
 - · PUSH Video Call to iPhone/iPad & Android Phone
- PUSH Network Connection under Sensor Event
- **POS Function** up to 4 sets of POS Devices
- Startup Wizard for Easy Configuration
- Remote Monitoring by Remote S/W(CMS) & Smart Phone
- Talk-Back Function for 2-way communication with Smart Phone





960H

Compression Algorithm Vides Finder H 264, Audio: : H 264, Audio: : ADPCM S x SATA HDD (x x SATA HDD (x x SATA HDD (x x SATA HDD (x x SATA HDD (x x SATA HDD (x x SATA HDD (x x X X HA HD (x X X Y HA HD (x X X HA HD (x X X HA HD (x X X HA	MODEL		HE-4104CX (4 Ch)	HE-4108CX (8 Ch)	HE-4216DX (16 Ch)
Max. Houb (x SAN A H	Compression Algorithm			Video : H.264, Audio : ADPCM	
Input 4 Ch 8 Ch 16 Ch Video Buil-In TTSC/PAL Selectable TTSC/PAL Selectable Video Mode TTSC/PAL Selectable 404/00 fps 240/00 fps 404/00 fps Screen Modes for Live Display 1 & 4 CA 1, 4 & 9 1, 4 & 9 1, 4 & 9 Video-Out Monitor (or Composite & Spoil) (or Composite & Spoil) (or Composite & Spoil) Recording Speed 7205/24/0288(CCIP) 120/100 fps 24/0200 fps 480/400 fps Recording Resolution 7205/24/0288(SCIP) 120/100 fps 24/0200 fps 480/400 fps Recording Resolution 7205/24/0288(SCIP) 120/100 fps 24/0200 fps 480/400 fps Recording Resolution T20/100 fps 24/0200 fps 480/400 fps 480/400 fps Recording Resolution T20/100 fps 24/0200 fps 480/400 fps 480/400 fps Recording Resolution T20/100 fps 240/200 fps 480/400 fps 480/400 fps Recording Resolution T20/100 fps 240/200 fps 480/400 fps 480/400 fps Recording Resolu	Max. HDD Bay		4 x SATA HDD (2 x SATA HDD & 1 x DVD)		
Under Liop Digits Viceo-Out Live Display (NTSC/ PAL) Secen Modes for Live Display Account Market Marke	Operating System			Embedded Linux	
Loop-Out Built-Instruction Uve Display (NTSC/PAL) 120/100 fps 420/200 fps 430/400 fps Screen Modes for Live Display 18.4 1,4.8.9 1,4.9.8.16 100/10 fps 100/10 fps 100/10 fps 100/10 fps 420/200 fps 430/400 fps <td>Video</td> <td></td> <td>4 Ch</td> <td></td> <td>16 Ch</td>	Video		4 Ch		16 Ch
Live Display (NTSC/ PAL) 120100 fps 240/200 fps 480/400 fps Screen Modes for Live Display 1 & & 4 1, 4 & 8 0 1, 4, 0 & 8 16 Screen Modes for Live Display Monitor VCA & HOMI & Spot VCA & HOMI & Spot Resolution HDM: 800x600, 1024x768, 1280x1024, 1920x1080 (Selectable) 352240/288(2CF) 120100 fps 240/200 fps 460/400 fps Screen Modes for Live Display 720x440/288(2CF) 120100 fps 240/200 fps 460/400 fps Recording Resolution 720x440/288(2CF) 120100 fps 240/200 fps 460/400 fps Recording Resolution T20x440/276(PCH) 120100 fps 240/200 fps 460/400 fps Recording Modes Fee Spat Aam Recording, Energency Recording, Out; Backup 1750; 352/40, 720x49, 720x49, 960x480 rcf, 460/15 160/45 Recording Modes Ch & Resolution 1, 4, 8 & 16, 4; 32 140/40 fps 140/40 fps Adam Input / Output Ch & Resolution 1, 4, 8 & 16, 4; 32 140/40 16 Ch / 1 Ch Adam Input / Relay Output Ch & Resolution 1, 4, 8 & 16, 4; 54 16 Ch / 1 Ch 16 Ch / 1 Ch Adam Input / Re	Loop-Out				
Screen Modes for Live Displuy 18.4 ' 1,4.9 ' 1,					
Monitor VGA & HDMI & Spot (or Composite & Spot) VGA & HDMI & Spot (or Composite & Spot) Recording Speed (NTSCIPAL) 720x40288(CLF) 120100 fps 240200 fps 480400 fps Recording Resolution 720x40288(SFR(GH) 120100 fps 240200 fps 480400 fps Recording Resolution 720x40288(SFR(GH) 120100 fps 240200 fps 480400 fps Recording Resolution 580x480576(GH) 120100 fps 240200 fps 480400 fps Recording Resolution 580x480576(GH) 120100 fps 240200 fps 480400 fps Recording Modes Speed ITSC : 352x240, 720x240, 950x480 SPAL : 352x288, 720x576, 950x576 20x8876 Recording Modes Speed ITSC : 352x240, 720x40, 850x480, SFR(GH) 20x88, 720x576, 950x576 Audio Input / Output Tuncis ItsCh / 1 Ch 16 Ch / 1 Ch 16 Ch / 1 Ch Audio Input / Output Tuncis ItsR / 1 Ch / 1 Ch 16 Ch / 1 Ch 16 Ch / 1 Ch PI7/Z Control (RS-485) Its Ch / 2 Ch / 1 Ch 8 Ch / 4 Ch 16 Ch / 1 Ch Its Mareinscreen					
Video-Out Monitor (or VGA & FIDMI & Composite \triangle Composite \t	Screen Modes for Live Display				
3522-40/288(C)F) 120/100 (ps 240/200 (ps 460/400 (ps Recording Speed 720x240/288(C)F) 120/100 (ps 240/200 (ps 480/400 (ps Recording Resolution T20x480/376(01) 120/100 (ps 240/200 (ps 480/400 (ps Recording Modes F0 240/200 (ps 480/400 (ps 480/400 (ps Recording Modes F0 240/200 (ps 480/400 (ps 480/400 (ps Recording Modes F0 240/200 (ps 480/400 (ps 480/400 (ps Playback & Search Speed Continuous, Scheduled, Sensor-Activated & Motion Detection Recording, 00uck Backup Playback & Search Speed x1, x2, x4, x8, x16, x32 Contal (ps + 1, x2, x4, x8, x16, x32 Adia Input / Output Contal (not inscreen by Mouse F0/1 Ch 16 Ch / 1 Ch Admin put / Relay Output 4 Ch / 1 Ch 8 Ch / 4 Ch 16 Ch / 4 Ch P/T/Z Control (RS-485) Virtual Joy-Sitck Control on screen by Mouse Pair/11t/20om/Focus/infs by Keyboard Cut / U Control (RS-485) 1) Dual-Stream (Local Recording & Network Transmission) 2) Network Bandwidt Control (25 Kbps - 1000 Mbps) 2) Network Bandwidt Control (25 Kbps - 10	Video-Out	Monitor	(or VGA & HDMI & Composite) (or Composite & Spot)		
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(NTSCIPAL) 720x480/S76(01) 120/100 fps 240/200 fps 480/400 fps Recording Resolution NTSC: 352x240, 720x240, 740x60, 720x240, 740x60, 720x240, 740x60, 720x240, 740x60, 740x74, 740, 750x60, 740x60, 740, 720x96, 740, 720x96, 740, 720x96, 7	.	352x240/288(CIF)	120/100 fps	240/200 fps	480/400 fps
960x480/576(960H) 120/100 fps 240/200 fps 480/400 fps Recording Resolution NTSC : 352/240, 720x480, 960x480 PAL : 352x288, 720x576, 960x576 960x480 PAL : 352x288, 720x576, 960x576 Recording Modes Speed Cn strainuous, Scheduled, Sensor-Activated & Motion Detection Recording, Quick Backup Playback & Search Ch & Resolution 1, 4, 2, 44, x4, x16, x32 Audio Input / Output Ch & Resolution 1, 4, 9, 8, 16 Ch at 960H Audio Input / Output 4 Ch / 1 Ch 8 Ch / 4 Ch Alam Input / Relay Output 4 Ch / 1 Ch 8 Ch / 4 Ch Alam Input / Relay Output 4 Ch / 1 Ch 8 Ch / 4 Ch PAIT/IIZ Control (RS-485) Fixed IP, DHCP & DDNS I Dual-Stream (Local Recording & Network Franceir (RJ45) 1) Dual-Stream (Local Recording & Network Transmission) 2) Network Bandwidth Control (25 Kbps - 1000 Mbps) 3) Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote) 4) Time Synchronization by MTP Server ("pool.ntp.org") 6) Remote & E-Mail Notification, Remote System Reboot by IE, Remote PTZ Control 6) P2P Cloud Service (Auto Port Forwarding) CM & & MMS (SmartViewerPro or Mobile ViewerPro) Backup Device External Local Backup by USB ODD, Network Backup by OKS. File Upl		. ,	120/100 fps	240/200 fps	480/400 fps
Recording Resolution NTSC : 352:x40, 720x40,		. ,			
Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Speed Pre & Post Nam Recording, Emergency Recording, Ouick Backup Playback & Search Ch & Resolution 1, 4, 9, 8, 16, A3 Function Intelli-Search by Time Bar, Calendar (Date & Time) and Event Search Audio Input / Output 4 Ch / 1 Ch 16 Ch / 1 Ch Alarm Input / Relay Output 4 Ch / 1 Ch 8 Ch / 4 Ch PT/Z Control (RS-485) 4 Ch / 1 Ch 8 Ch / 4 Ch PT/Z Control (RS-485) - 10 Dual-Stream (Local Recording & Network Transmission) LAN - 1) Dual-Stream (Local Recording & Network Transmission) 2) Network Function 1) Dual-Stream (Local Recording & Network Transmission) 3) Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote) - 3) Live Monitoring, Remote Playback & System Reboot by IE, Remote PTZ Control 6 6) P2P Cloud Service (Auto Pont Forwarding) - - Backup Device - - - Verb (IE) - - - System Recovery after Power Failure - - - Advanced Functions - <		960x480/576(960H)		-	
Recording Modes Pre & Post Alarm Recording, Emergency Recording, Quick Backup Playback & Search Ch & Resolution 1, 4, 9, 8, 16, x32 Audio Input / Output Intelli-Search by Time Ban, Calendar (Date & Time) and Event Search Audio Input / Output 4 Ch / 1 Ch 8 Ch / 4 Ch Alarm Input / Relay Output 4 Ch / 1 Ch 8 Ch / 4 Ch Alarm Input / Relay Output 4 Ch / 1 Ch 8 Ch / 4 Ch PIT/IZ Control (RS-485) 9 Ch / 4 Ch 16 Ch / 4 Ch PIT/IZ Control (RS-485) 10 Dual-Stream (Local Recording & Network Transmission) - LAN - 1) Dual-Stream (Local Recording & Network Transmission) - 2) Network Function 1) Dual-Stream (Local Recording & Network Transmission) - - 2) Network Function 1) Dual-Stream (Local Recording & Network Transmission) - - 3) Network Function Veh (IE) - - - 8 Software Ch / 4 Ch - - - 9 Piter Such Transmission - - - - 8 Software Ch Cal Backup Polyback an	Recording Resolution				
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P1/12 Control (RS-485) Gigabit Ethernet (RJ45) LAN Gigabit Ethernet (RJ45) Network Function 1) Dual-Stream (Local Recording & Network Transmission)	Alarm Input / Relay Output				
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Software Software CMS & MMS (SmartViewerPro or MobileViewerPro) Web (IE) Live Monitoring, Playback & System Configuration Backup Device Internal DVD Burner (Option) External Local Backup by USB ODD, Network Backup by CMS, File Upload to FTP Server System Recovery after Power Failure Auto-Reboot and Journaling File System Advanced Functions 1) Firmware Upgrade by USB & CMS over Network 2) Import & Export of Setting Value, Water-Mark, AVI File Backup 3) Quick Setup to designate Recording Period 4) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period) 5) Warning Alarm for System Over-Temperature 6) Help Message for easy setup & Multi-Language support 7) Digital Zoom for both Live & VOD mode POS Text-in Based (RS232, TCP/IP Network) / Display POS Data on Live & Playback e-SATA Support(Extension of local storage) System Operation Front Button, IR Remote Controller, USB Mouse, Keybard (Option) Power 12V x 5A D/C 12V x 7A D/C Operating Temperature and Humidity Ga60 x 380 x 66 (mm) 420 x 428 x 88 (mm)					
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Dimension (WxDxH) 360 x 380 x 66 (mm) 420 x 428 x 88 (mm)			12V x 5	5A D/C	12V x 7A D/C
Certification CE & FCC & KCC & WEEE, RoHS	· · · · ·		360 x 380	()	420 x 428 x 88 (mm)
	Certification	Certification		CE & FCC & KCC & WEEE, RoHS	

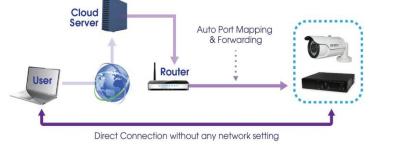
(*) Specification is subject to change without prior notice.



ezP2P[™] Cloud Service (www.ezp2p.com)

ezP2P[™] Cloud Service is a cloud-based video management system without any complicated network setting. Just login to ezP2P[™] Cloud Server (www.ezp2p.com) with your own account and enjoy thumbnail preview and instant live monitoring.





ezLink[™] with Mac Address

The easiest way to connect to the DVR just by Mac Address.



Startup Wizard

Startup Wizard will guide you through the whole process of system startup. You can setup major DVR Configuration by just following the steps which Wizard guides and also can reconfigure these setting at any time by accessing to main menu.











[Language]

[Date/Time]

[Record]

[HDD]

[Network]

Typical PUSH Function

2 PUSH Functions below provides you with efficient monitoring and control of your DVR. It allows you to be free from constant attention to the event that may or may not happen.

PUSH Video Call to iPhone & Android Phone



PUSH Network

Connection under Sensor Event



Integrated Network Solution

Guarantee unlimited scalability and seamless integration of all FOCUS products such as DVR, NVR & IP Camera over unique network.





[SmartViewerPro / MobileViewerPro]

