

960H DVR (Economic Grade)

Price-Affordable Economic Grade DVR



- 4/8 Ch : 1 U Height Case & Compact Case
- 16 Ch : 1.5 U Height Case

Key Features

- **ezP2P™** Cloud Service without any complicated network setting
- **ezLink™** for Instant Live Monitoring with Mac Address Input
- **3 x Typical PUSH Functions**
 - > PUSH Video Call to iPhone/iPad & Android Phone
 - > PUSH Notice for Auto F/W Upgrade
 - > PUSH Network Connection under Sensor Event
- **POS Function** up to 4 Sets of POS Devices
- **Starup Wizard** for Easy Configuration

- √ Quick Setup to designate Recording Period
- √ Emergency Recording & Emergency Backup
- √ Network Bandwidth Control and CBR/VBR Control Mode
- √ HELP Message just by One Mouse-Click
- √ Time Synchronization by NTP Server
- √ Integrated Network Solution (CMS & Mobile Viewer)



[KE-4004H & 4008H]



[KE-6004H & 6008H]



[KE-6016H]

MODEL		KE-4004H (4 Ch)	KE-6004H (4 Ch)	KE-4008H (8 Ch)	KE-6008H (8 Ch)	KE-6016H (16 Ch)
Compression Algorithm		Video : H.264, Audio : ADPCM				
HDD Bay		1 x SATA HDD	2 x SATA HDD	1 x SATA HDD	2 x SATA HDD	2 x SATA HDD (1xSATA HDD & 1xDVD)
Operating System		Embedded Linux				
Video	Input	4 Ch		8 Ch		16 Ch
	Loop-Out	Not Available				
Video Mode		NTSC/PAL Selectable				
Live Display (NTSC/ PAL)		120/100 fps		240/200 fps		480/400 fps
Screen Modes for Live Display		1 & 4		1, 4, 6, 8 & 9		1, 4, 6, 8, 9, 13 & 16
Video-Out	Monitor	3 x Main Monitors (Composite & VGA & HDMI) & 1 x Spot Monitor (Composite)				
	Resolution	HDMI: 800x600, 1024x768, 1280x1024, 1920x1080 (Selectable)				
Recording Speed (NTSC/PAL)	352x240/288(CIF)	120/100 fps		240/200 fps		480/400 fps
	720x240/288(2CIF)	120/100 fps		240/200 fps		480/400 fps
	720x480/576(D1)	120/100 fps		240/200 fps		480/400 fps
	960x480/576(960H)	120/100 fps		240/200 fps		480/400 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480, 960x480 PAL : 352x288, 720x288, 720x576, 960x576				
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Pre & Post Alarm Recording, Emergency Recording, Quick Backup				
Playback & Search	Speed	x1, x2, x4, x8, x16, x32				
	Ch & Resolution	1, 4, 9 & 16 Ch at 960H				
	Function	Intelli-Search by Time Bar, Calendar (Date & Time) and Event Search				
Audio Input / Output		1 Ch / 1 Ch				
Alarm Input / Relay Output		4 Ch / 1 Ch				
P/T/Z Control (RS-485)		Virtual Joy-Stick Control on screen by Mouse Pan/Tilt/Zoom/Focus/Iris by Keyboard				
LAN		Gigabit Ethernet (RJ45) Fixed IP, DHCP & DDNS				
Network Function		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 NTP Server ("pool.ntp.org") 5) Remote & E-Mail Notification, Remote System Reboot by IE, Remote PTZ Control 6) P2P Cloud Service (Auto Port forwarding)				
Remote Management	Software	CMS & MMS (SmartViewerPro)				
	Web (IE)	Live Monitoring, Playback & System Configuration				
Backup Device	Internal	Not Available				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) Automatic Upgrade of DVR F/W by PUSH Notice 3) Import & Export of Setting Value, Water-Mark, AVI File Backup 4) Quick Setup to designate Recording Period 5) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period) 6) Warning Alarm for System Over-Temperature 7) Help Message for easy setup & Multi-Language support 8) Digital Zoom for both Live & VOD mode				
POS		Text-in Based (USB to Serial support, TCP/IP Network) Display POS Data on Live & Playback				
e-SATA		N/A				
System Operation		Front Button, IR Remote Controller, USB Mouse, Keyboard (Option)				
Power		12V x 2A D/C	12V x 4A D/C	12V x 2A D/C	12V x 4A D/C	12V x 4A D/C
Operating Temperature and Humidity		5~40 °C / 20~90% RH				
Dimension (WxDxH)		264x245x44 mm	270x215x71 mm	264x245x44 mm	270x215x71 mm	360x380x66 mm
Certification		CE & FCC & KCC & WEEE, RoHS				

(*) Design and specification are subject to change without prior notice