

PRODUCT SPECIFICATION



EAHDVR Series DVR

Four, Eight & Sixteen Channel H.264 DVR



Key Features

Convenience

- User-friendly GUI (Graphic)
- Mouse-driven graphical user interface
- Easy-to-use menu composition
- Easy-to-use recorded data search (time, date, motion, alarm)

Stability

- Auto restart after power interruption
- DB structure offers date stabilization and best storage utilization

Expandability

- Remote control via Client Program
- Remote full access via internet explorer (menu control, monitoring, playback)
- P/T/Z (Pan/Tilt/Zoom) control

Technology

- Embedded LINUX OS
- Totally maximum recording rate 120 fps @ CIF(NTSC)/100fps@CIF(PAL)
- High-resolution & high-quality H.264 algorithm
- Using water marking & scrambling technologies, strong protection recorded data
- H.264: 30~50% smaller than Mpeg4 data size
- Individual recording settings to optimize record duration

Functionality

- Various recording function (normal, alarm, motion, schedule)
- Full Pentaplex: live monitoring, recording, playback, backup, network
- Multi channel playback
- IR remote control
- Various events notification to e-mail, buzzer or PC client system
- DDNS supported
- Various backup (memory stick, external CD/DVD, external HDD) available
- Spot (single, multi-channel or event) available

Specifications						
Part Numbers		4CH: EAHDVR-4500 - 41000	8CH: EAHDVR-8500 - 82000	16CH: EAHDVR-16500 - 162000		
Model		H.264 (120/100 FPS Recording)				
		4CH (500GB, 1TB)	8CH (500GB, 1TB, 1.5TB, 2TB)	16CH (500GB, 1TB, 1.5TB, 2TB)		
Video	Camera Input (NTSC, PAL)	4	8	16		
	Output	1BNC, 1VGA, 1SPOT				
Audio	Audio Input/Output (RCA)	1/1	1/1	1/1		
Sensor in (No, Nc) / Alarm Out		1/1	1/1	1/1		
Operating System		Embedded Linux OS				
Display	Speed	120fps	240fps	480fps		
	Resolution (Pixel)	720*480 (NTSC) / 720*576 (PAL)				
	Split Screen	1,4	1,4,8	1,4,8,16		
Recording	Compression		H.264			
	Resolution (Pixel)		720*480, 720*240, 360*240 (NTSC) / 720*576, 720*288, 360*288 (PAL)			
	Picture Quality		3 Steps (High, Middle, Low)			
	Mode		Normal, Motion, Alarm			
	Priority		Alarm --> Motion --> Normal			
	Speed	Total	NTSC	30fps(720x480), 60fps(720x240), 120fps(360x240)	30fps(720x480), 60fps(720x240), 120fps(360x240)	30fps(720x480), 60fps(720x240), 120fps(360x240)
			PAL	25fps(720x480), 50fps(720x240), 100fps(360x240)	25fps(720x480), 50fps(720x240), 100fps(360x240)	25fps(720x480), 50fps(720x240), 100fps(360x240)
		Each Channel	NTSC	7fps(720x480), 15fps(720x240), 30fps(360x240)	3fps(720x480), 7fps(720x240), 15fps(360x240)	1fps(720x480), 3fps(720x240), 7fps(360x240)
			PAL	6fps(720x480), 12fps(720x240), 25fps(360x240)	3fps(720x480), 6fps(720x240), 12fps(360x240)	1fps(720x480), 3fps(720x240), 6fps(360x240)
	Water Marking & Scrambling		Our Own Algorithm			
Playback	Display	1,4	1,4,8	1,4,8,16		
	Search Mode	Date & Event, Calendar, Event (Alarm, Motion, Audio)				
	Speed	Normal, REW(*1,*2,*4,*16) & FF(*1,*2,*4,*16), Frame to Frame, Pause				
	Device	Internal HDD				
	Sill image Capture & Save	JPEG, BMP Compression or Exclusive Format & USB I/F Device(Memory Stick)				
Network	Network interface		Ethernet			
	Protocol		TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL)			
	Serial Communication		RS-232 1EA, RS-485 1EA(PTZ & Keyboard control)			
	Application		Windows 2000 / XP(PC Client System) / Windows Vista			
	Web Browser		Internet Explorer 5.0 Higher(DVRs Control or Viewing)			
	Event Transportation		E-mail notification when Event Occurs			
	Viewing		Remote Client, Internet Explorer, CMS			
Archive	Interface	USB 2.0x1ea				
	Archive Device	External HDD, CD&DVD-RW, Network, Memory Stick				
Control	Motion Detection		Each Control / Channel			
			Sensitivity : 3 Steps for each channel			
			Area : Programmable motion detection area for each camera individually			
	Alarm Hold Time		5~240 SEC			
	Event log		Up to the 256 events(Alarm,Motion,Video&Power Loss,Power&Record On/Off)			
	Controller		IR Remote Control/ Mouse			
Pan/Tilt camera		Control From RS485 Interface				
Other	HDD		Max.1HDD			
	Power Source		DC 12V/3A			
	Power Consumption		36W			
	Operating Temperature		5~40℃(41~104F)			
	Relative Humidity		Maximum 80% Non-Considering			
	Weight	Net		3.0Kg		
		Gross (Box)		5.0Kg		
	Dimension	Net		355(W)*245(D)*60(H)mm		
Gross (Box)		400(W)*340(D)*142(H)mm				