

## 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				