

# -ADH104R H.264 Compact Size 4H DVR



## **Main Features:**

### **O.S: Embedded Linux 2.6**

4CH H.264 DVR with multiple operation – record, live, playback, backup, control, & remote access

**H.264 Baseline Profile** video compression/decompression with configurable quality

### **Record capabilities:**

Full-D1: up to 30/25IPS, Half-D1: up to 60/50IPS, CIF: up to 120/100IPS (Images Per Second)

### **Playback capabilities:**

4CH: Full-D1: up to 30/25IPS, Half-D1: up to 60/50IPS, CIF: up to 120/100IPS

Realtime live display, 30 (NTSC) / 25 (PAL) IPS, for each channel

### **Bi-directional audio capabilities**

**Event recording, time-lapse recording or both**

### **Smart search & playback**

One 3.5" SATA HDD

Alarm in \* 4, alarm out \* 1

Ethernet interface for remote access, including web access, e-mail alarm notification, FTP video/audio file storage, and software upgrade

**1 I.E. /Firefox software for multiple DVRs**

### **Remote access through mobile phone or PDA**

RS-485 for PTZ, keyboard control

USB \* 1 for video/audio backup to versatile USB2.0 storage devices

### **Digital zoom X2 & X4**

Keypad, I/R remote control, & mouse operation

Multi-lingual support for setup and display

Intelligent motion detection with programmable area and sensitivity

Powerful alarm processor with configurable triggering conditions and reactions

Playback search by time or event (alarm, motion & video loss)

Multiple-level password and authentication key protection to ensure high degree of security

## SPECIFICATION

Video	Format	NTSC/EIA or PAL/CCIR
	Input	<b>4CH</b> , BNC, 1Vp-p/75ohm
	<b>Main monitor</b>	<b>BNC x 1</b> , 1Vp-p/75ohm ( <b>Optional VGA D-sub 15pin connector</b> )
	<b>Call monitor</b>	<b>BNC x 1</b> , 1Vp-p/75ohm
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
Audio	Input	1 RCA-jack connectors, line-in level (100mV-2Vrms)
	Output	1 RCA-jack connectors, line-out level (up to 2Vrms)
Record	Compression	<b>Video: H.264 Baseline Profile</b> <b>Audio: ADPCM</b>
	Speed (IPS) & Resolution	NTSC/PAL <b>720*480/720*576: 30/25IPS, 720*240/720*288: 60/50IPS, 360*240/360*288: 120/100IPS</b>
	Watermark	Yes
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	NTSC – 720*480, PAL – 720*576
	Split windows	1/4
	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Freeze	Yes
	Digital Zoom	X2, x4
	Sequential switch	User adjustable
Playback	Speed (IPS) & Resolution	NTSC/PAL <b>720*480/720*576: 30/25IPS, 720*240/720*288: 60/50IPS, 360*240/360*288: 120/100IPS</b>
	Search	<b>Smart Search</b> , Date/time, Camera, Alarm, & Motion
Storage	HDD	1 set of 3.5" <b>SATA HDDs, up to 1TB per HDD</b>
	Partitions:	Configurable alarm partitions size, Configurable auto-overwrite or not
	Backup	<b>1 USB 2.0 port</b> for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc.
Alarm	Input	4 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open, 1 Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, <b>1 I.E/Firefox for multiple DVRs (64 windows)</b>
	E-mail	Alarm notification to stationary or mobile devices
	Remote Stations	PC, mobile phone or PDA
	Remote Users	6 users simultaneously
	FTP	Alarm video/audio file storage
	Audio	Bi-directional
	Bandwidth	TCP/IP type dynamic sliding window control
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP

## SPECIFICATION

Control/POS/GPS	I/R	1 I/R remote controller
	RS-485	2-pin for keyboard/PTZ control (option)
Setup	Local	On screen setup via <b>keypad, I/R remote controller, and/or RS-485 keyboard</b>
	Remote	Setup & upload via Windows application software
	Multi-lingual	Yes
Reliability	System recovery	Auto power on after power loss recovery
	<b>Watch Dog Timer</b>	<b>Yes</b>
	Timer	Built-in real time clock
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access
Weights & Measures	Dimension & Weight	430(W) x 330(D) x 66(H)mm, 4.0 KG (without HDD)
Power	Source	<b>+12VDC</b>
	Consumption	30W Max.
Operating Temperature		0°C ~ +45°C



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