



# AHD Series:FHD

## Analog Full HD DVR

Over 500m transmission with 3c-2v cable  
ezP2P™ Cloud Service without any complicated network setting  
ezLink™ for Instant Live Monitoring with Mac Address Input  
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



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**Demension****Specification**

		AHD-0412P	AHD-0812P	AHD-1648EAP
Compression Algorithm		Video : H.264, Audio : ADPCM		
Max. HDD Bay		1 x SATA HDD		
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		VGA & HDMI & Composite & Spot		
Video-Out	Monitor	3 x Main Monitors (Composite & VGA & HDMI) & 1 x Spot Monitor (Composite)		
	Resolution	HDMI: 800x600, 1024x768, 1280x1024, 1920x1080 (Selectable)		
Recording Speed (HD, 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
	1280x720(HD)	120/100 fps	240/200 fps	480/400 fps
	1920x1080(HD)	120/100 fps	240/200 fps	480/400 fps
Recording Resolution		Full HD : 1920x1080, HD : 1280x720 NTSC : 352x240, 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 1080P (1920 x 1080)		
	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)		
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 or MobileViewerPro)		
	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) 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 (USB to Serial support, TCP/IP Network) / Display POS Data on Live & Playback		
System Operation		Front Button, IR Remote Controller, USB Mouse, Keyboard (Option)		
Power		12V x 3A D/C	12V x 5A D/C	
Operating Temperature and Humidity		5-40 ℃ / 20-90% RH		
Dimension (WxDxH)		264 x 245 x 44 (mm)	360 x 380 x 66 (mm)	
Certification		CE & FCC & KCC & WEEE, RoHS		

\*Specification &amp; Design are subject to change without prior notice

**Incon**

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