

## HWS-04AD

H.264 IP Camera

MPEG-4 IP Camera

Video Server

Accessories

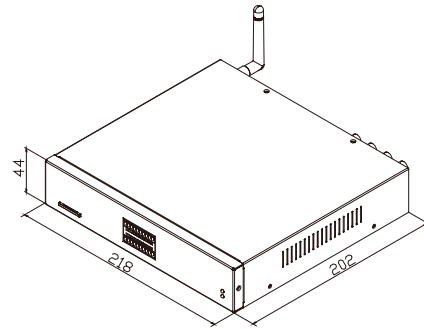
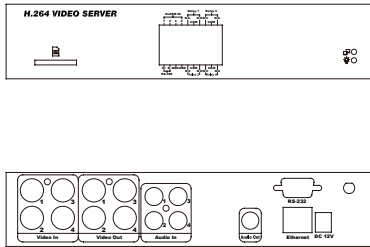
Recording Solution

### Main Features

- H.264/ MJPEG compression
- RS-485 control (PTZ)
- De-Interlace available
- RS-232 interface
- Support SD card
- 2-way audio
- Wireless support
- 4 video input
- 4 alarm input
- 4 relay out



### Interface



Unit: mm

### Specifications

Hardware	
<b>CPU</b>	ARM 9 ,32 bit RISC
<b>RAM</b>	256MB
<b>Flash</b>	16MB
<b>Video Input</b>	BNC x 4
<b>Input Video Looping</b>	BNC x 4
<b>Audio In/Out</b>	4 in / 1 out (RCA type)
<b>Alarm Input</b>	4
<b>Relay Out</b>	4
<b>RS-485</b>	1, for PTZ control
<b>Power Consumption</b>	DC 12V, 630mA
<b>Operating Temperature</b>	-10°C~40°C
<b>Dimensions (WxHxD)</b>	218x44x202mm
Network	
<b>Ethernet</b>	10/ 100 Base-T
<b>Network Protocol</b>	HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP
<b>Wireless(optional)</b>	
<b>Wireless Type</b>	802.11b/g
<b>Security</b>	WEP,WPA-PSK,WPA2-PSK

System	
<b>Video Resolution</b>	NTSC: 720x480 , 704x480, 352x240, 176x144 PAL: 720x576 , 704x576, 352x288, 176x144
<b>Video Adjust</b>	Brightness, Contrast, Saturation, Hue
<b>Image Snapshot</b>	Yes
<b>Full Screen Monitoring</b>	Yes
<b>Compression Format</b>	H.264/MJPEG
<b>Video Bitrate Adjust</b>	CBR, VBR
<b>Motion Detection</b>	1 Areas per 1 channel
<b>Triggered Action</b>	Mail, FTP, Save to SD storage, Relay
<b>Pre/Post Alarm</b>	Yes
<b>Security</b>	Password protection
<b>Firmware Upgrade</b>	HTTP mode, can be upgraded remotely
<b>Simultaneous Connection</b>	Up to 8
<b>Audio</b>	Yes, 2-way (Duplex Support)
SD card management	
<b>Recording Trigger</b>	Motion Detection, IP check, Network break down (wire only), Relay
<b>Video Format</b>	AVI, JPEG
<b>Video Playback</b>	Yes
<b>Delete Files</b>	Yes, can be deleted or overwrite
Client system requirements	
<b>OS</b>	Windows 2000, XP, 2003, IE 6.0 or above
<b>Hardware</b>	
Suggested	Intel Dual Core 1.66G, RAM: 1024MB, Graphic card: 128MB
Minimum	Intel 2.8G, RAM: 256MB, Graphic Card: 32MB

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE