



**ATOM**

**WD1**

**AT 0404V-ED**

**4 Channel Intelligent  
HDMI 960H Stand Alone DVR**

**Superior Engineering Design & Sensational Image Quality**

## AT 0404V-ED

### 4 Channel Intelligent HDMI 960H Stand Alone DVR

#### Features :

- H.264 Main Profile Hardware compression with **iH3**
- All Channel Full **960H**(WD1)/D1/HD1/CIF Real Time Recording
- Support Intelligent features **iCloud** Monitoring
- **HDMI** 1080P / VGA 1080 / TV Simultaneously Viewing Output
- **3G** / Wifi / uPnP Connectivity
- All Channel Simultaneously Playback
- Record & Network Stream(CIF/QCIF) Dual Stream Selectable
- Central Monitoring Station Support up to 128CH with 99 Sites
- Multiviewing Single Windows Screen up to 64 CH on Display Monitor
- Support up to 3TB Single HDD
- Harddisk Management Function for Record & Snap shot Partition
- Free DDNS Server with Very Easy & User Friendly
- DDNS Server Compatible with Android/I-Phone Handsets
- Android Mobile Handset with Remote Playback, Local Recording & Snap shot capture
- Supports Android, I-Phone, Windows 6.1, Symbian S60 3rd & Blackberry
- Support All Popular Web browser ( IE, Firefox, Android, Safari)
- All Channel Network Playback ON Internet Explorer(IE)
- All Confrigation Setting can be done through Locally & Remotely by IE or CMS.
- Digital Zooming on Internet Explorer, Live & Playback
- Email Alerts with snapshot images when motion is detected, Video Loss
- Support Email, FTP, Buzzer, when Alarm Motion, Video Loss, Video Blind & Etc
- Back UP Threw Network, USB portable HDD, USB DVD-RW.
- Back UP Directly With AVI or H.264, External Back up to 2TB
- User Friendly GUI & OSD for easy & fast operation.
- 4CH Alarm Input, 1CH Alarm Output ( Optional )
- Various brand PTZ Protocol with facility preset, cruise and PTZ Function.
- Front Panel Keypad, Mouse & Remote control
- Lowest Power Consumption.
- Support Multi Language.



## Specifications :

<b>Model</b>	<b>AT 0404V-ED</b>
<b>System</b>	
Hardware Compression	H.264 Main Profile Compression
Operation System	Embedded Linux
System Operation	All CH Record & Playback, Multi User Network Operat. Simultaneously & USB Backup
Signal System	PAL / NTSC Selectable
<b>Record/Playback/Streaming</b>	
Record Resolution	960H(WD1)/D1/HD1/CIF
Record Quality	Best/Better/Good/Normal/Worst
Record Stream Bit Rate	VBR / CBR
Record Type	Sechedule, Manual, Alarm, Motion Based
I Frame Interval	2 ~ 12 Selectable
Playback Resolution	960H(WD1)/Full D1/HD1/CIF
Playback Frame Rate	1 ~ 25/30fps Selectable for All Resolution
Sub Stream	CIF/QCIF
Sub Stream Frame Rate	1 ~ 12/25 fps
Sub Stream Bit Rate	VBR / CBR(up to 512KBPS)
<b>DIGITAL</b>	
Record Selection	4CH @ 960H(WD1) or D1
Record Frame Rate	1 ~ 25/30fps Selectable for All Resolution
Playback Channel	4CH @ 960H(WD1) or D1
Playback Frame Rate	1 ~ 25/30fps Selectable for All Resolution
SNAP Shot	D1 mode: Support automatic capture function (0.5 S/frame,1 S/frame...5 S/frame)
SNAP Shot Format	JPEG
SNAP Shot Available	D1
<b>Video/Audio/Interface</b>	
Video Input	4CH Analog Input
Video Impedence	BNC Connector, 1.0Vp-p,75Ω

## Specifications :

Video Output	HDMI(1080P) X 1, VGA(1080) X 1, C-Video(1.0Vp-p,75Ω) X 1,
Audio Input	4CH, RCA Connector
Audio Impedence	200-2800mV,30KΩ
Audio Output	1 CH RCA, 200-3000mV,5KΩ
Network	RJ45 - 10/100MBPS Auto Detection
PTZ Control	RS485
USB	3 Port (USB 2.0, USB 1.1)
Harddisk Interface	1 SATA HDD
Harddisk Capacity	Max. up to 3TB
<b>Special Function</b>	
3G Dongle Support	YES
WIFI Connectivity	YES, Via WIFI Dongle Devices (Dongle Optional & No 3G Dongle Connected)
uPnP	YES
HDD Function	Partition for Normal Record/ SNAP Record
EVENT Notification	FTP/ EMAIL & ( Buzzer when Alarm in/out put )
Pre Alarm	YES
Email Alert	Video Loss, Video Blind, Motion Detection
Email Alert Snap Shot	Yes @ HD1/D1 Mode
FTP Upload	Video Blind, Video Lost & Motion Detection @ Record File/ Snap Shot
Digital Zooming	LIVE, Playback, Internet Explorer
Network Protocol	DHCP, PPPOE, FTP, DNS, DDNS, NTP, RTSP, UPNP, EMAIL, IP authority, IP search, Alarm center
Back Mode	Network backup, USB portable HDD, USB DVD-RW
<b>Software Support</b>	
CMS	up to 128 Channel
CMS Remote Site	up to 99 Different Site DVR in Single CMS
CMS Viewing on Main Screen	4 ~ 64 Channel on one Screen
iCloud Management	Multi Site, P2P, No Port Forwarding, Device Management
Mobile Handset	I-Phone, IPAD, Android, Blackberry, Symbian S60, Windows

## Specifications :

Web Browser	IE, Firefox, Safari, Chrome
Remote Monitoring	Own DDNS Server, DDNS & iCloud
DDNS Server	ARSP, DynDNS, NO-IP, Myq-See, Oray, 3322
Max User	10 User
MAC Safari	YES
<b>General</b>	
Language	English, Spanish, French, German, Chinese & Many More
Local Operation	By Front Panel Keys, Mouse, Remote Controller
Power Supply	12V DC, 2.0mAmp
Power Consumption	<15W, Without HDD
Operating Temperature	0°C ~ + 55° C
Operating Humidity	10% ~ 90% RH
Dimensions(W×D×H)	DVR: 252*215*45 mm, Box 360*270*83 mm
Weight (g)	1.5Kg Apporx with Box
Enclosure	Metal with ABS Plastic Front Panel

\* Product specifications and appearance may be changed without prior notice due to improvements.



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