

H.264 NETWORK STANDALONE DVR

ADV 611Z

SAVE YOUR BUDGET &amp; SPACE

**VGA ON Board**

With high resolution by all in one device

**EZ DDNS**

Only 2 steps, monitoring in 10 seconds.

**CMS****Touch Panel****Triple Stream**

D1 H.264 Local Record

CIF H.264 Remote View

CIF Mobile View

by iPhone, Blackberry, Symbian,

Windows Mobile, JAVA, Android

See more clearly, Transmit much faster

**D1 Real Time Recording**

Local site : D1 with clear and high quality.

Remote site :CIF with fast transmission speed.

Mobile site : CIF with fast transmission speed.

**CIF / Half DI / DI Recording Individually**

- H.264 Main Profile Compression Technology, which save 20% or more recording size than traditional H.264 Baseline Profile codec.
- 2 USB allows to operate DVR by mouse or touch panel screen.
- 16CH Real-Time display on 480fps/NTSC or 400fps/PAL.
- Triple Stream, recording at D1 and viewing at CIF remotely
- Watermark & Scrambling examination to verify recorded files.
- CMS (Central Management System) supports unlimited DVR/cameras with PTZ controls.
- D1/D0/PTZ/RS-485 supported.
- Intelligent 3G/GPRS Mobile Surveillance: Symbian, Windows Mobile, JAVA, iPhone, Blackberry, Android.
- GUI with 32 bit True Color
- Upgrade Firmware by USB or Network
- SATA devices supported.
- Smaller size allows user to work efficiently and save space.

## SPECIFICATION

Model	ADV 611Z	
<b>Video</b>	Format	H. 264
	Input	16 CH Video Composite BNC 75 ohm 1Vp-p
	Main Monitor	1 CH Video Composite BNC 75ohm 1Vp-p
	Spot Monitor	N/A
	VGA Output	Yes (max. 1280 x 1024 pixels)
	Loss Detection	Yes
	Motion Detection	Yes
	Pop up Function	Yes
<b>Audio</b>	Input	RCA x 16
	Output	RCA x 2
<b>Display</b>	Resolution	720 x 480 (NTSC)      720 x 576 (PAL)
	Split Windows	1 / 4 / 9 / 13 / 16 / SEQ
	Frame Rate	480fps (NTSC)      400fps (PAL)
	Mode	Digital Zoom (x2 ~ x8), PIP, Auto SEQ
	Freeze	Yes
<b>Record</b>	Compression	Video: H.264 ASP (Internet Transmission: H.264)      Audio: G.711
	Dual Stream Resolution (Pixel)	Main (Recording) 704 X 480, 704 X 240, 352 X 240 (NTSC) 704 X 576, 704 X 288, 352 X 288 (PAL)
		Sub (Network) 352 x 240 (NTSC) / 352 x 288 (PAL)
	Mode	Manual / Motion / Sensor / Schedule
	Frame Rate & Resolution	Full D1: 120fps / 704 x 480 (NTSC)      Full D1: 100fps / 704 x 576 (PAL) Half D1: 240fps / 704 x 240 (NTSC)      Half D1: 200fps / 704 x 288 (PAL) CIF: 480fps / 352 x 240 (NTSC)      CIF: 400fps / 352 x 288 (PAL)
	Image Quality	5 Levels (Highest, High, Normal, Low, Lowest)
	Pre-alarm	16MB (10 sec)
	Post-alarm	1-60 sec
	Watermark	Yes
	<b>Playback</b>	Display
Search Mode		Date / Time / Event (Motion / Sensor) / Camera
Operation		Normal, REW, FF (2x, 4x, 8x, 16x, 32x, 64x), Pause
Snapshot / Zoom		Yes / Digital Zoom ( x2 ~ x8 )

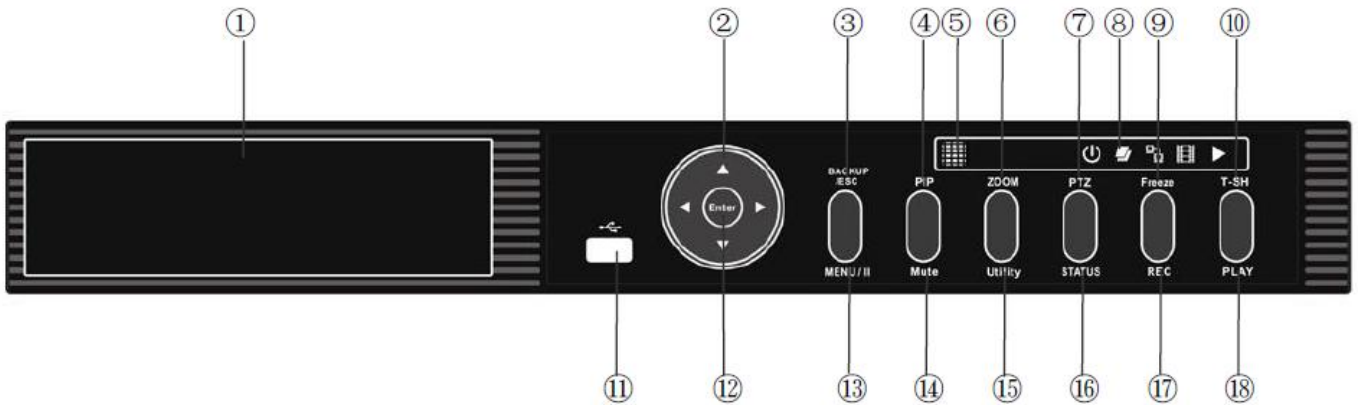
## SPECIFICATION

Model	ADV 611Z	
Storage	Harddisk	SATA type HDDs, max. 2 HDDs or 1 HDD + 1 DVD-RW 2TB Storage Size for each HDD
	Back-up	Video & Audio
		USB 2.0 Port x 1 at Front Panel, Network Remote Backup, DVD-RW (Optional)
Alarm	Input (NO, NC)	16 CH Sensor Input
	Output	2 Relay Output
	Buzzer	Yes
	Search ( Event Criterion )	Yes
	Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)
Network	Ethernet	1 RJ-45 10/100 Base T Ethernet Connector
	Web	Remote setup, Monitoring, Backup, Alarm Notification
	E-mail	Alarm notification
	Protocol	TCP/IP, SMTP, HTTP, DHCP, DDNS, PPPoE (ADSL), NTP
	Remote Software	Licensed Application Software, IE Browser
	Remote Users	Up to 5 users simultaneously (1 Admin + 4 Users)
	3G / GPRS	Yes (Symbian, Windows Mobile, JAVA, iPhone, Blackberry, Android)
	CMS	Yes (Unlimited depend on bandwidth)
	Application	Windows XP / Vista / 7 (PC Client System)
Control	IR Remote Control	Yes
	USB Mouse	Yes USB 2.0 x 1 at Back Panel
	PTZ Control	Yes (Pelco P, Pelco D, Samsung, LG, Lilin)
	RS-485	Yes
Setup	GUI	Yes (32 bit True Color)
	Multi Language	18 (English, French, German, Greek, Japanese, Italian, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese, Korean, Hungarian, Hebrew, Thai, Dutch, Persian)
	Password Control	Yes
	Key Lock	Yes
	Firmware Upgrade	Yes via USB and Network
Others	OS	Embedded Linux
	Operating Temperature	5°C to + 40°C
	Power Source	External Adaptor DC 12V / 5A
	Dimension	430mm x 293mm x 55mm (W x D x H)
	Weight	Approx. 1.85 kgs (not include HDD)



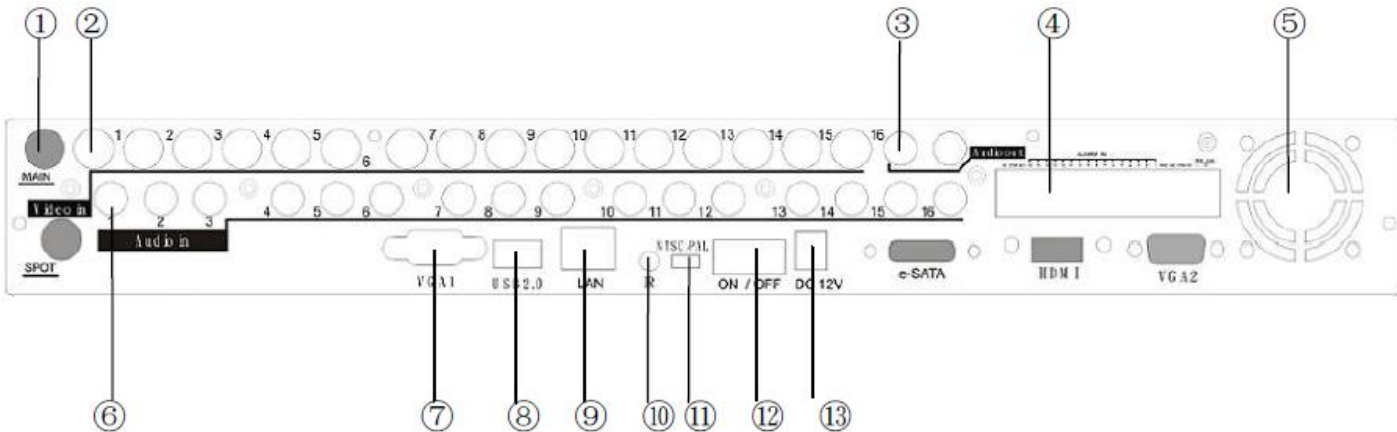
## INTERFACE

### Front Panel Layout



1. DVD WRITER (Optional)	2. DIRECTION CONTROL	3. BACKUP / ESC	4. PIP
5. IR SENSOR	6. ZOOM	7. PTZ	8. LED DISPLAY
9. FREEZE	10. T-SEARCH	11. USB 2.0 PORT	12. ENTER / MODE
13. MENU / II	14. MUTE	15. UTILITY	16. STATUS
17. REC	18. PLAY		

### Back Panel Layout



1. MAIN MONITOR	2. VIDEO IN	3. AUDIO OUT	4. EXTERNAL I/O
5. FAN	6. AUDIO IN	7. VGA PORT	8. USB MOUSE PORT
9. LAN	10. IR JACK	11. NTSC / PAL	12. ON / OFF
13. DC 12V			