4CH DVR, AS-DVR004A

FEATURES

- ♦ Pentplex (Recording, Playback, Network simultaneously)

- ♦ Up to 60fps Recording Speed

- ♦ USB flash disk backup

- ♦ Adjust Up/Down/Left/Right screen position

- ♦ Video Input signal: NTSC/PAL

- ♦ Video Compression: Modified MJPEG

- ♦ Manual, Motion & Programmed

- ♦ Motion Detection with Adjustable time duration

- ♦ Search data by Date and Time

- ♦ Power Recovery Auto Restore Mode

- ♦ Hard Disk LED Indicator When Recording

- ♦ Motion Detection

- ♦ Audio Recording

- ♦ SATA Hard Disk

- ♦ Remote Control

- ♦ XGA Output

- ♦ LAN

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4CH DVR, AS-DVR004A

SPECIFICATIONS TABLE:

Model Number	AS-DVR004A		
Video System	PAL		
Operating System	Embedded Linux		
Video Input	BNC x 4		
Video Output	1 ch BNC Output / 1 XGA		
XGA Output	800 x 600, 1024 x 768, 1280 x 1024, 1440 x 900		
Audio Input	N / A		
Audio Output	N / A		
Display Mode	Full Screen, 4CH Split Screen, Auto Switch, Picture in Picture		
Compression Format	H. 264		
Pentaplex	Record / Playback / Network / Mobile Phone / Backup		
Resolution and frame rate	Display 720 x 576		
	Recording	720 x 576 @ 100 fps	
		720 x 288 @ 100 fps	
		360 x 288 @ 100 fps	
Max. Recording Frame	100 fps (120 fps in NTSC)		
Recording Mode	Manual, Schedule, Event		
Schedule Recording	Full Recording, Motion, Manual Recording		
Status Indicator	Power, HDD		
Event Mode	Motion Trigger, Video Loss		
	Recording Duration: 10-60 sec.		
Playback Mode	Normal Speed: x1		
	Fast Forward: x2 / x4 / x8 / x16 /x32 multiple speed		
	Slow Forward: 1/2, 1/4, 1/8 multiple speed		
	Fast Rewind: x2 / x4 / x8 / x16 /x32		
	Frame by Frame Playback: Forward		
	Search Function: Time / Event		
Network Protocol	TCP/IP PPPoE / DHCP / SMTP / DDNS / 3G		
PTZ Control	N / A		
HDD Type	SATA 3.5" HDD x 1		
HDD Management	Automatic Format System		
Backup Device	USB 2.0 Flash Memory		
Firmware Update	Host USB		
Multi-Langauge	English / Chinese / others		
Control Mode	Remote Control / USB Mouse (GUI) / Internet		
Network Control	IE Browser		
Network Function	Live Display / Playback / System Setup		
Power Supply	DC 12V		
Dimensions	220mm x 302mm x 53mm		

8CH DVR, AS-DVR008A

FEATURES

♦ Modified H.264 technology is providing highly compressed save file and maximized recording time

♦ GUI interface supported. It can be controlled from front panel / mouse / remote controller

♦ Multi motion detection areas

♦ Video backup without stop recording

♦ Max. 240 fps real-time recording frame

♦ Pentaplex function support: Live / Record / Playback / network / Mobile Phone

♦ Support 4 audio inputs and 8 video inputs synchronously

♦ Remote backup and playback via IE browser

♦ Support Host USB backup

♦ Video player can be saved in the same time with footage backup is able to playback on PC directly

♦ after backup.

♦ Recording resolution up to 720 x 480 D1 resolutions

♦ Variety setting on recording fps, resolution, contrast and brightness for each channel depending on user.

♦ Friendly recording schedule depends on user setup

♦ Adjustable VGA resolution output settings

♦ Once channel or Multi - channel video backup capability

♦ Max. 16 channels connection via IE browser

♦ Backup time frame can be setup for each backup file depending on user's requirement.

♦ Email sending when alarm is triggered

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8CH DVR, AS-DVR008A

SPECIFICATIONS TABLE:

Model Number	AS-DVR008A		
Video System	PAL		
Operating System	Embedded Linux		
Video Input	BNC x 8		
Video Output	1 CH BNC Output / 1 XGA		
XGA Output	800 x 600, 1024 x 768, 1280 x 1024, 1440 x 900		
Audio Input	4 CH Input / RCA		
Audio Output	1 CH Output / RCA		
Display Mode	Full Screen, 4/8CH Split Screen, Auto Switch, Picture in Picture		
Compression Format	H. 264		
Pentaplex	Record / Playback / Network / Mobile Phone / Backup		
Resolution and Frame rate	Display 720 x 576		
	Recording	720 x 576 @ 200FPS	
		720 x 288 @ 200FPS	
		360 x 288 @ 200FPS	
Max. Recording Frame	200 fps (240 fps in NTSC)		
Recording Mode	Manual, Schedule, Event		
Schedule Recording	Full Recording, Motion, Manual Recording		
Status Indicator	Power, Network, HDD1, HDD2		
Event Mode	Motion Trigger, Video Loss		
	Recording Duration: 10-60 sec.		
Playback Mode	Normal Speed: x1		
	Fast Forward: x2 / x4 / x8 / x16 /x32 multiple speed		
	Slow Forward: 1/2, 1/4, 1/8 multiple speed		
	Fast Rewind: x2 / x4 / x8 / x16 /x32		
	Frame by Frame Playback: Forward		
	Search Function: Time / Event		
Network Protocol	TCP/IP PPPoE / DHCP / SMTP / DDNS / 3G		
PTZ Control	Communication Protocol (PELCO P, PELCO D, MIKAMI)		
HDD Type	SATA 3.5" HDD x 2		
HDD Management	Automatic Format System		
Backup Device	USB 2.0 Flash Memory		
Firmware Update	Host USB		
Multi-Langauge	English / Chinese / others		
Control Mode	Remote Control / USB Mouse (GUI) / Internet		
Network Control	IE Browser		
Network Function	Live Display / Playback / System Setup		
Power Supply	DC 12V / 4.16A(AC100V~240V 50/60HZ)		
Dimensions	430mm (W) x 314mm (D)x 53mm (H)		

16CH DVR, AS-DVR016

FEATURES

♦ Advanced H.264 technology offers highly compressed file size capability for maximum recording time.

♦ GUI interface function that can be operated from front panel / mouse / remote controller.

♦ Multi motion detection areas

♦ Max. 480 fps real-time recording frame

♦ Pentaplex function support: Recording / Backup / Playback / Network and Mobile Surveillance Simultaneously

♦ Support 4 audio inputs and 16 video inputs synchronously

♦ Remote backup and playback via IE browser

♦ Support Host USB backup

♦ Auto copy video player on to storage device during backup process

♦ Up to 720 x 480 D1 recording resolution

♦ Independent channel setting on recording fps, resolution, contrast and brightness

♦ Smart recording schedule setup for each channel

♦ Adjustable XGA resolution output setting

♦ Single channel or multi-channel video backup capability

♦ Max. 16 channels connection via IE browser

♦ Independent time duration setup of search backup file

♦ Email notification when alarm is triggered

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16CH DVR, AS-DVR016

SPECIFICATIONS TABLE:

Model Number	AS-DVR016A	
Video System	PAL	
Operating System	Embedded Linux	
Video Input	BNC x 16	
Video Output	1CH BNC Output / XGA	
XGA Output	800x600、1024x768、1280x1024	
Audio Input	4 x RCA (CH4 Two-way Audio)	
Audio Output	1 CH Output / RCA	
Display Mode	Full Screen, 4/9/13/16 CH Split Screen, Auto Switch	
Compression Format	H. 264	
Pentaplex	Record / Playback / Network / Mobile Phone / Backup	
Resolution and Frame rate	Display	720 x 576
	Recording	360 x 288 @ 400FPS
Max. Recording Frame	400 fps (480 fps in NTSC)	
Recording Mode	Manual, Schedule, Event	
Schedule Recording	Full Recording, Motion, Alarm, Manual Recording	
Status Indicator	Power, Network, HDD1, HDD2	
Event Mode	Alarm Trigger, Motion Trigger, Video Loss	
	Recording Duration: 10-60 sec.	
Playback Mode	Normal Speed: x1	
	Fast Forward: x2 / x4 / x8 / x16 /x32 multiple speed	
	Slow Forward: 1/2, 1/4, 1/8 multiple speed	
	Fast Rewind: x2 / x4 / x8 / x16 /x32	
	Frame by Frame Playback: Forward	
	Search Function: Time / Event	
Network Protocol	TCP/IP PPPoE / DHCP / SMTP / DDNS / 3G	
PTZ Control	Communication Protocol (PELCO P, PELCO D, MIKAMI), (RS-485)	
HDD Type	SATA 3.5" HDD x 2	
HDD Management	Automatic Format System	
Backup Device	USB 2.0 Flash Memory	
Firmware Update	Host USB, LAN / WAN	
Multi-Langauge	English / Chinese / others	
Control Mode	Remote Control / USB Mouse (GUI) / Internet	
Network Control	IE Browser / Multiwindow(CMS) Remote Control	
Network Function	Live Display / Playback / System Setup	
Power Supply	DC 12V / 4A(AC100V~240V 50/60HZ)	
Dimensions	430mm (W) x 314mm (D)x 53mm (H)	