

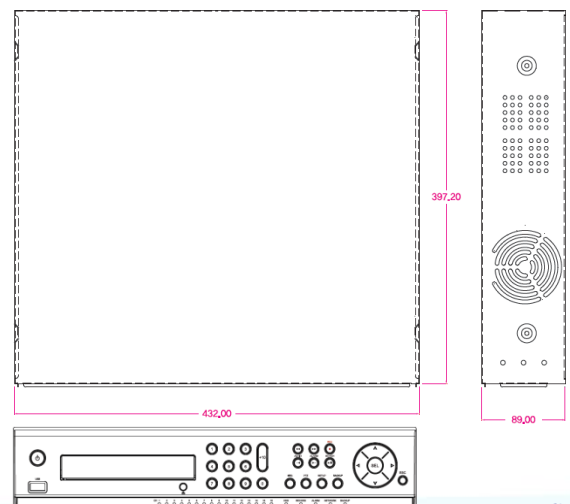
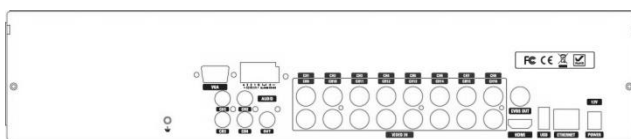
# AHD3.0 & TVI 3.0 Hybrid DVR AT-1643S

## Features

- H.264 video compression
- High-resolution recording (1080P/3MP/4MP)
- HD (AHD3.0/HD-TVI3.0) and analog (960H/D1/CIF) hybrid
- Digital zoom in & out on live & playback
- Individual channel operation
- Remote access via PC
- Free iPhone® app & Android app
- Free DDNS server
- Network Dual-stream
- E-mail event notification along with AVI file attachment
- NTP(Network Time Protocol)
- HDD S.M.A.R.T status check and alert via e-mail or internal beep
- Multi OSD languages
- Mobile P2P service



## Dimension



## Specification

Model		AT-1643S	
Description		Hybrid DVR (Analog, AHD and HD-TVI)	
Video	Input	Number of Channels	16
		CCTV Camera Types	NTSC/PAL, AHD & TVI (720p / 1080p / 3MP / 4MP)
	Output	Main Monitor	HDMI and VGA (Max. 3840x2160)
		Sub Monitor	CVBS or SPOT (Selectable)
Audio	Local Input / Output		16 / 1
	Codec		G.711
	2-Way audio		Local Audio ↔ Network Client or Local Audio
Alarm	Local Input / Output		16 / 1
PTZ	RS-485		1
Recording	Codec		H.264 (High Profile)
	4MP Camera Input		15fps/channel
	3MP Camera Input		20fps/channel
	1920x1080 Camera Input		Max. 1080p@25/30fps/channel
	1280x720 Camera Input		Max. 720p@25/30fps/channel
	960H Camera Input		Max. Analog@25/30fps/channel
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual
	Pre-recording		Max. 20 Minutes
Post-recording		Max. 60 Seconds	
Search & Playback	Search		Panorama, Specific Date/Time, Event, Archive, Log
	Multi-Decoding		1, 4, 9, 16
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32 (Single: x32, 4 Split : x16, 8 Split : x8, 16 Split : x4)
Backup	Media		USB drive, External HDD, Network
	Format		BMP, AVI, EXE(Player & Data), NSF(Proprietary Format)
	Huge Backup		Max. 24 hours
Storage	HDD	Capacity of 1 HDD	6TB
		Internal HDDs	Max. 4ea (w/o e-SATA)
		e-SATA	1
	USB	Front	1
		Rear	1
User I/F	Input Method		IR, Mouse, Buttons, Keyboard Controller
Network	Interface		10/100/1000Base-TX
	Dynamic DNS		Free DDNS
	RJ45 Port		2EA (1EA: Internet, 1EA: IP Camera)
	Dual Encoding for Network		Max. 640x360
Features	Digital Zoom		Live and Playback, Free Size
	DST		Support
	NTP		Once, Time and Periodic
	S.M.A.R.T		Temperature, Power On Time, Bad Sectors and Health Check
	Multi-Language		Support
System Event Notification		Health, Restart, Shutdown, Panic Recording, Alarm, Motion, HDD alert → Alarm, Beep and E-mail	
Network Access	3G/4G Mobile		iPad / iPhone / Android
	Web Viewer		Windows (IE, Firefox, Safari)
	PC Client		Single / Multi Client and CMS (64 Channels)
	Remote Setup and Upgrade		Simple Web Setup and Upgrade
Temperature	Operation		5°C ~ 40°C
	Storage		-10°C ~ 50°C
Humidity	Operation		20% ~ 80% (Non-condensing)
Etc.	Dimension (W x D x H)		432mm x 430mm x 98mm
	Power Input		DC 12V 10A

\* Design and specifications are subject to change without notice. Since 1992