TS-DVR04AS-U(UD)

4 Channel Cost-effective ATM Standalone DVR

TS-DVR04AS-U: 4 channel video inputs and 4 channel audio inputs. The 1st video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime recording. It can support TV, VGA, and USB2.0.

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Features

> 4 channels entry level simple ATM specific standalone DVR
> Up to 4 cameras with SXGA(1280×1024) display
> H.264 video compression algorithm ideal
> Each channel at CIF or 6/7fps at D1 and 1st channel at 25/30fps D1 recording
> Dual encoding streams supported
> TV(BNC)/VGA synchronous video output
> live, recording, playback, backup & remote access
> 4 channel simultaneous playback
> Smart video detection: MD, camera blank, video loss
> 3D intelligent positioning with DAHUA PTZ dome
> Easy backup: USB devices, network download
> Alarm triggering screen tips, buzzer, PTZ, e-mail, FTP upload
> Up to 2 SATA HDD, 2 USB2.0
> Built-in web server, multi-DVR client, MSS & CMS

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Specifications

Model	TS-DVR04AS-U	TS-DVR04AL-UD
System		
Main Processor	High performance embedded microprocessor	
Operating System	Embedded LINUX	
System Resources	Pentaplex function: live, recording, playback, backup & remote access	
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network	
Video		
Input	4 channel, BNC(1.0Vp-p, 75Ω)	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
Output	1 TV, BNC(1.0Vp-p, 75Ω), 1 VGA, 1 HDMI	
	/	5.6-inch color LCD
Audio		
Input	4 channel, BNC(200-2800mV, 30KΩ)	
Output	1 channel, BNC(200-3000mV, 5KΩ)	
Bidirectional Talk	Same with audio input channel 1	
Display		
Display Split	1/4	
Resolution	1280×1024, 1280×720, 1024×768, 800×600	
Tour Display	Support	
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera	
OSD	ATM/POS information, camera title, time, video loss, camera lock, motion detection, recording	
Recording		
Video/Audio Compression	H.264 / G.711	
Image Resolution	D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	
	Extra Stream: QCIF(1~25/30fps), CIF(1-6/7fps)	
Bit Rate	32~2048Kb/s	
Image Quality	1~6 level(level 6 is the best, VBR effectively)	
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop	
Recording Priority	Manual >Alarm >MD >Regular	
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.	

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Video Detection & Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
Video Loss & Camera Blank	Support
Alarm Input	6 channel
Relay Output	2 channel
Playback & Backup	
Playback Channel	1/2/4
Search Mode	ATM/POS, Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / Network download
Network	
Ethernet	RJ-45 port (10/100M)
Network Functions	TCP/IP, UDP, UPNP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	2 SATA ports, Max 2TB per HDD supported
Space Occupation	Audio: 28.8MB/H, Video: 56~900MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)
Auxiliary Interface	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	ATM/POS communication ,Dahua keyboard, PC communication
RS485	PTZ control
Environmental	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	18W-22W
Working Environment	-10℃~+55℃ / 10~90%RH / 86~106kpa
Dimension	ATM box, 200mm×130mm×320mm(W×D×H)
Weight	3.5KG-3.5KG(without HDD)

System Connection

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