

DVR-HD8S

8 Channel 2U HD-SDI Video Recorder



The New HD-SDI series - Real-time recording at 960 resolution, plus synchronized audio on every channel. These DVRs are designed to provide an extremely high resolution at 720i. With the ability to provide H264E Realtime recording across all channels, the DVR incorporates an HDMI interface delivering high definition 1080i resolution images that provide remarkable crisp clear pictures of depth and definition. The unique feature of these systems is delivery and recording true high definition video stream through the existing CCTV coax cables.

Features

- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 3 USB2.0
- Built-in web server, SmartICRSS, ICRSS Pro & ICVIEW
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with ICR PTZ dome cameras
- Easy backup: USB devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- Up to 8 channel 1080P cameras realtime preview
- 8 channel simultaneous realtime playback, GRID interface & smart search
- HDMI / VGA / TV (BNC) synchronous video output
- 8 channel@1080P realtime recording
- >H.264 dual-stream video compression



- 8 channel HD-SDI 1080P standalone DVR
- Dual-core CPU allows powerful preview, recording, playback and network performance
- 8 channel 1080P (30fps) / 1080i (60fps) / 720P (30/60fps) HD-SDI video inputs

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Specifications

Model	DVR-HD8S
System	
Main Processor	High performance dual-core embedded microprocessor
Operation 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	8 channel, HD-SDI video, BNC
Standard	1080P (30fps) / 1080i (60fps) / 720P (30/60fps)
Output	1 HDMI, 1 VGA, 1 TV (BNC, 1.0Vp-p, 75Ω)
Loop Output	8 channel, HD-SDI, BNC
Audio	
Input	8 channel, BNC (200-2800mV, 30kΩ)
Output	1 BNC (200-3000mV, 5kΩ)
Voice Intercom	1 Input, BNC (200-2800mV, 30kΩ), 1 Output, BNC (200-3000mV, 5kΩ)
Display	
Display Split	1/4/8
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Tour Display	Supported
Privacy Masking	8 self-defined four-sided zones for privacy masking for each camera
OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	
Video/Audio Compression	H.264 / G.711
Image Resolution	1080P (1920×1080), 1080P/4 (960×540), 1080P/16 (480×270), 720P (1280×720), 720P/4 (640×360), 720P/16 (320×180)
Encoding Speed	Main Stream: 1080P, 1080P/4, 720P, 720P/4 (1~30fps) Extra Stream: 1080P/4, 1080P/16, 720P/4, 720P/16 (1~30fps)
Bit Rate	256~8096Kb/s per channel
Recording Quality	CBR, VBR (1~6 level, level 6 is the best)
Record 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.
Video Detection & Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Video Detection	Zones: 396 (22×18), Sensitivity: 1~6 (level 6 is highest)
Alarm Input	16 channel
Relay Output	6 channel
Playback & Backup	
Playback Channel	1/2/4/8
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection
Backup Mode	Flash drive/ USB HDD / USB CD & DVD-RW / eSATA Device / Built-in SATA DVD burner / Network download

Network	
Ethernet	RJ-45 port (10/100M/1000M)
Network Functions	HTTP, TCP/IP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Up to 32TB
eSATA	4 External SATA ports, up to 16TB
Space Occupation	Max 3.6 GB/H per channel
HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm, & RAID (Redundancy)
Auxiliary Interface	
USB	3 ports, For mouse control & backup
RS232	ICRealtime keyboard, PC communication
RS485	PTZ control
General	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	40W
Working Environment	14° F~130°F/-10°C~+55°C / 10~90%RH / 86~106kpa
Dimensions (W×D×H)	17.32"×18.11"×3.50"/440mm×460mm×89mm; Standard 2U
Weight	16lb/6.5kg (without HDD)