



FULL D1 Realtime DVR - SD5 Series

Features:

- Full D1 2U standalone DVR with high performance, best for high-end market
- Dual-encoding streams
- 16 Channel Simultaneous Playback
- H.264 Compression
- VGA, HDMI, eSATA, USB 2.0
- Realtime live display up to 16 cameras with 720P high definition, upto 480 fps recording for 4CIF
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- Pentaplex function: live, recording, playback, backup & remote access
- 8 HDDs supported & CD-RW/DVD-RW supported
- Multiple Control: Front Panel, IR Remote Controller, TX keyboard, USB mouse & Network Keyboard
- Speed Dome Control: > 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported. With TX Speed Dome, 3D intelligent position function support
- Powerful Network Software: Built-in Web Server, Multi-DVR client, Mobile Surveillance Software (for Smart Phone) & CMS. Networking access for remote Live View, Record, Playback, Setting, System Status, Event Log

Model	DVR04SD5 DVR08SD5 DVR16SD5	Audio Output	1 channel, BNC, 200-3000mv, 5KΩ
System		Audio Compression	G.711
Main Processor	High performance embedded microprocessor	Video Detection & Alarm	
Operating System	Embedded LINUX	Motion Detection	Zones: 396 (22*18) detection zones Sensitivity: 1~6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm, email, matrix output
System Resources	Pentaplex function: live, recording, playback, backup & remote access	Video Loss	Trigger recording, PTZ movement, tour, alarm, email, matrix output
User Interface	GUI, on-screen menu tips	Camera Blank	Trigger recording, PTZ movement, tour, alarm, email, matrix output
Control Device	Front panel, USB mouse, TX keyboard, IR remote control, network keyboard	Alarm Input	16/16/16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm, email, matrix output
Input Method	Numerical/Character/Denotation	Relay output	6/6/6 channel, 30VDC, 1A, NO/NC, form-C
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.	Hard Disk	
Video		Hard Disk	8 SATA ports, 8 HDDs supported, eSATA port
Video Input	4/8/16 channel, BNC, 1.0Vp-p, 75Ω, looping	Space Occupation	Audio: 14.4MB/H Video: 56~500MB/H
Video Output	1 channel TV output, BNC, 1.0Vp-p, 75Ω, 1 VGA output, 1 HDMI output	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)
Video Standards	PAL(625Line, 50f/s), NTSC(525Line, 60f/s)	Record, Playback & Backup	
Video Compression	H.264	Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm
Video Resolution	Format NTSC PAL D1(4CIF) 704 X 480 704 X 576 CIF 352 X 240 352 X 288 QCIF 176 X 120 176 X 144	Recording Priority	Manual > Alarm > Video Detection > Continuous
Video Recording	4CIF- PAL 1f/s-25f/s NTSC 1f/s-30f/s: Dual encoding streams supported;	Recording Interval	1 to 120 minutes (default: 60 minutes), Pre-record up to 30 seconds, Post-record up to 5 minutes
Video Display Split	Full and multiple screen display, 1 / 4 / 9 / 16	Overwrite Mode	Support
Tour Display	Support	Search Mode	Time/Date, Alarm, Motion Detection & exact search (accurate to second)
Image Quality	1~6 level(level 6 is the best)	Playback	4 channel playback simultaneously, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera	Digital Zoom	Selected zone can zoom into full screen during playback
Camera Lock	Camera locked for users	Backup Mode	Flash disk/ USB HDD/ USB CD/DVD-RW/ built-in SATA burner/ Network download
Camera Adjustment	Adjust color according to different time period	Network	
Video Information	Camera title, time, video loss, camera lock, motion detection, recording	Interface	RJ-45 Port (10/100M)
TV Output Adjustment	Adjust TV output color & display zone	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Audio		Remote operation	Monitor, PTZ control, playback, system setting, file download, log information
Audio Input	4/8/16 channel, BNC, 200-2800mV, 30KΩ	Auxiliary Interface	
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30KΩ	USB Interface	2 ports, 1 for mouse control, 1 for backup
		RS232	THYONIX keyboard, PC communication
		RS485	PTZ control
		Environmental	
		Power Supply	220V 50Hz / 110V 60Hz
		Power consumption	25W/30W/40W
		Working Temperature	-10°C ~ +55°C
		Working Humidity	10%~90%
		Atmosphere Pressure	86kpa~106kpa
		Dimension	2U, 440mmx460mmx89mm (W*D*H)
		Weight	8KG(without HDD)
		Mounting	Desktop or rack

