

DS-HD-SDI DVR



Specifications

Model	DS-HD-SDI 4	DS-HD-SDI 8	DS-HD-SDI 16
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	1080P(25/30) / 720P(25/30,50/60)		
Audio			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Output	1 channel, BNC		
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	1 HDMI, 1 VGA, 1 TV, BNC		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio	H.264 / G.711		
Compression			
Record Resolution	1080P(1920×1080), 720P(1280×720), D1(704×576 / 704×480), CIF(352×288 / 352×240)		

Record Rate	Main stream	Max 100/120fps@1080p	Max 200/240fps@1080p
	Extra stream	D1/CIF(25/30fps)	
Bit Rate		256~8096Kb/s	
Recording Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop	
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, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips		
Motion Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		

Playback & Backup

Sync Playback	1/2/4
Search Mode	Time/Date, Alarm, MD & 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, Digital zoom
Backup Mode	USB Device / eSATA Device / Internal SATA burner/ Network

Network

Ethernet	RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone

Storage

Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB
External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB

Auxiliary Interface

USB	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control

General

Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	40W(without HDD)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension(WxDxH)	2U, 440mmx460mmx89mm
Weight	6.5KG(without HDD)