

HY-960H Hybrid DVR



Specifications

Model	HY-960H 4	HY-960H 8	HY-960H 16
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video			
IP Video Input	4 channel	8 channel	16 channel
Analog Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s) , Effio 960H camera		
Loop Output	4 channel, BNC	8 channel, BNC	16 channel, BNC
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, 1 Spot, BNC		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8	1/4/8/9/16	1/4/8/9/16/25/36
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264 / MJPEG(IP) / G.711		

Resolution 1080P(1920×1080) / 720P(1280×720) / 960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)

Record IP Max 480fps@D1 / 240fps@720P / 120fps@1080P
 Rate Analog All channel@960H (25/30fps)
 Bit Rate IP: 48~8192 Kb/s, Analog: 48~4096Kb/s
 Record Mode Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
 Record Interval 1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.

Video Detection & Alarm

Trigger Event Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
 Video Detection Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
 Alarm Input 4 channel 8 channel 16 channel
 Relay Output 5 channel

Playback & Backup

Sync Playback 1/4 1/4/9 1/4/9/16
 Search Mode Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
 Playback Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera,
 Functions Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
 Backup Mode USB Device / eSATA Device / Internal SATA burner/ Network

Network

Ethernet 2 RJ-45 port (10/100M/1000M)
 Network HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP,
 Functions IP Filter, Alarm Server, IP Search(Support OST IP camera, DVR, NVS and etc.)
 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 Interface 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 25W 30W 40W
 Consumption
 Working Environment -10 ~+55°C / 10~90%RH / 86~106kpa
 Dimension 2U, 440mm×460mm×89mm
 (W×D×H)
 Weight 6.5KG(without HDD)