HAWK VISION
SECURITY WITH COMFORT

Digital Video Recorder

HV-D5100-16HL
1080P Hybrid DVR

H.265	HD	DDNS
NETWORK	PTZ	AUDIO
MIC	MOBILE	CMS
USB	E-MAIL	MOUSE

Features

✔ 16 CH TVI / AHD/CVI 1080P/1080PLite/720P/720P Lite/WD1 video input

✔ 16 CH DVR supports 2 / 2 CH 5MP / 4MP / 3MP /1080P / 960P /720P IP video input by default

✔ 16 CH DVR default supports 16 CH analog input switched to IP input Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate

✔ Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse

✔ Multi-mode recording: manual / timed/ motion / AI recording Playback : 16 CH simultaneously playback

✔ Search: time slice, time, event, tag search

✔ Express and flexible backup via USB, network and so on

✔ Pentaplex: preview, record, playback, backup and remote access

✔ DHCP, DDNS, PPPoE network protocol

✔ Remote control via Web or CMS : preview, playback, backup, PTZ and configuration

✔ Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device

✔ Authorization management, log review and device status review Support 1080P output, true high resolution display

✔ Support PTZ preset and auto cruise, up to 255 presets and 8 cruises

✔ Support NAT function and QRCode scanning by mobile phones

✔ Powerful mobile surveillance by smart phones with iOS and Andriod OS

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CCTV CAMERAS | NVR & DVR SERIES | ATTENDANCE MACHINES & ACS | VDP SERIES

Technical Specification
HV-D5100-16HL

Model		HV-D5100-16HL
System	OS	Embedded Linux
Video	Analog Video Input	BNC ×16, BNC interface (1.0Vp-p; 75Ω) TVI/ AHD/CVI: 1080P/ 1080P Lite/ 720P/ 720P Lite/ WD1
	IP Video Input	2CH (up to18CH), Up to 5MP@25fps/4MP@30fps
	Total Input	18CH
	Output	HDMI × 1 :1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1: CVBS(used as the main or spot output)
	Compression	H.264/H.265
	Multi-screen Display	1/4/6/8/9/13/16/25
Audio	Input/ Output	RCA ×1/ RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
	Compression	G.711(U/A)
Record	Resolution	1080P Lite/ 720P/ 720P Lite/ WD1
	Frame Rate	Analog Channel: 1080P Lite/720P: 25fps (PAL)/30fps (NTSC) (only CH 1 supports) 1080P Lite/720P: 12fps (PAL)/15fps (NTSC) (other channels support) 720P Lite/ WD1: 25fps(PAL) / 30fps (NTSC) IP Channel: 25fps(PAL) / 30fps (NTSC)
	Bit Rate	32Kbps ~ 4Mbps
Playback	Playback	16CH
	Search	Time slice / time / event / tag search
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, motion, exception, smart event
	Input/ Output	No
Network	Interface	RJ 45 100Mbps × 1
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
	Incoming/ Outgoing Bandwidth	16Mbps(Max. 80Mbps)/ 80Mbps
	Client Connection	Max.10 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD	SATA× 1, up to 8TB
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	No
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC12V /2A
	Consumption	≤ 10W (without HDD)
	Dimensions(mm)	255 × 234 × 42 (W × D × H)
	Working Environment	-10~50℃, 10%~90% (humidity)
	Certificate	CE, FCC
	Environment Protection	Comply with Directive EU RoHS, WEEE, REACH