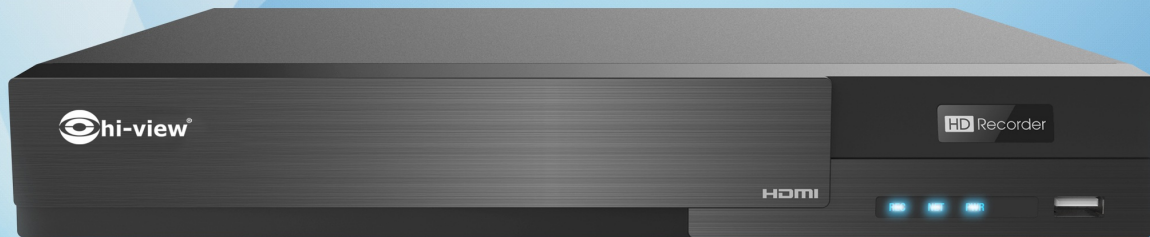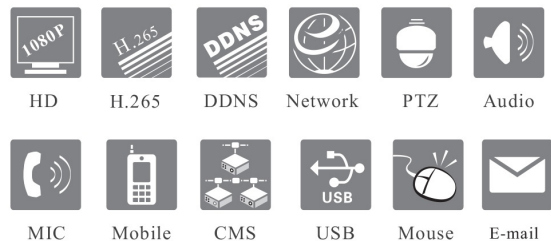**DVR**

4 CH Hybrid DVR

hi-view®

HD Recorder

HDMI

HA-45504-V1

- 4 CH TVI / AHD/CVI 5MP / 4MP / 1080P / 720P / WD1 video input
- 4 CH DVRs default support 2 CH 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video 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 : 4 CH simultaneously playback
- Search: time slice, time, event (manual, motion), 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 Client 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
- Multi-user online simultaneously
- Authorization management, log review and device status review
- 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

1080P	H.265	DDNS	Network	PTZ	Audio
HD	H.265	DDNS	Network	PTZ	Audio
MIC	Mobile	CMS	USB	Mouse	E-mail

RoHS CE FC

Specifications

Model		HA-45504-V1
System	OS	Embedded Linux
Video	Analog Video Input	BNC × 4
		BNC interface (1.0Vp-p; 75Ω)
		TVI/AHD/CVI : 5MP/4MP/1080P/720P/WD1 (live)
	IP Video Input	2CH
		Up to 5MP@30fps
	Total Input	6CH
	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 /4/6/9
Audio	Input	RCA × 4
	Output	RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
	Compression	G.711(U/A)
Record	Resolution	5MP Lite/4MP Lite / 1080P/1080P Lite/720P/WD1/D1
	Frame Rate	Analog Channel: 5MP Lite@10fps (PAL / NTSC) 4MP Lite/1080P@12fps(PAL) / 15fps (NTSC) 1080P Lite/720P/WD1/D1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)
	Bit Rate	32Kbps ~ 4Mbps
	Mode	Manual, timer, motion, smart event
Playback	Playback	4CH
	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	4CH
	Output	1CH
Network	Interface	RJ 45 100Mbps × 1
	Protocol	TCP/ IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
	Incoming Bandwidth	16Mbps
	Outgoing Bandwidth	40Mbps
	Client Connection	Max. 5 users access
MobileDevice	OS	iOS, Andriod
Storage	HDD	SATA×1, up to 10TB
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	Yes (half-duplex), connect to PTZ or keyboard
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC12V/2A
	Consumption	≤ 10W (without HDD)
	Dimensions(mm)	300 × 249 × 45mm (W × D × H)
	Working Environment	-10~50°C, 10%~90% (humidity)
	Certificate	CE, FCC
	Environmental Protection	Directive EU RoHS, WEEE, REACH