16CH Hybrid DVR

ED8216H5-FN

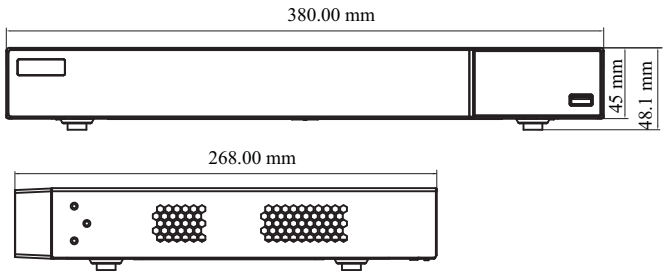
HD H.265 DDNS Network PTZ Audio MIC Mobile CMS USB Mouse E-mail

ED8216H5-FN supports 8MP / 5MP / 4MP / 3MP / 1080P / 720P /WD1 analog and IP video input simultaneously. It adopts the standard H.265 high profile compression format and the advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. ED8216H5-FN supports 16 CH analog video input, 8CH IP video input and 8CH audio input, simultaneous 16CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Features

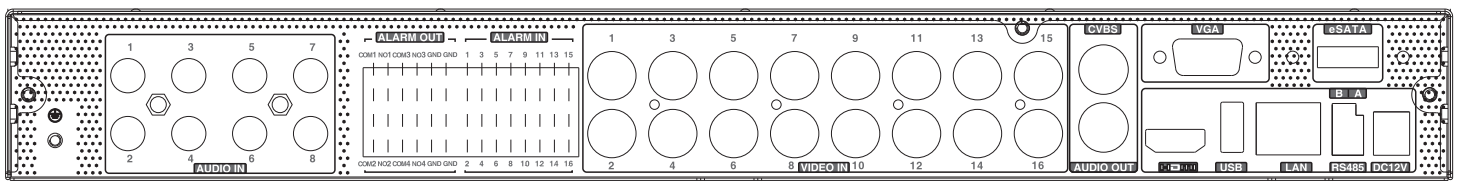
- 16 CH TVI / AHD /CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input
- 16 CH DVR supports 8 CH 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input by default
- 8CH analog video input can be switched to 8CH IP video input
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Multi-mode recording: manual / timer / motion
- Playback : 16 CH simultaneously playback
- Search: time slice, time, event, tag and smart 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
- Authorization management, log review and device status review
- HDMI 4K 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

Dimensions



Rear Panel

ED8216H5-FN



Specifications

Model		ED8216H5-FN
System	OS	Embedded Linux
Video	Analog Video Input	BNC × 16
		BNC interface (1.0Vp-p; 75Ω)
		TVI/AHD/CVI: 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
	IP Video Input	8CH(Up to 16CH)
		Up to 8MP@30fps
	Total Input	24CH
	Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 VGA × 1 : 1920 × 1080 / 1280 × 1024 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	RCA × 8
	Output	RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
	Compression	G.711(U/A)
Record	Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1
	Frame Rate	Analog Channel: 4K@ 8fps (PAL/NTSC) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps/ 15fps (PAL / NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC) IP Channel: 8MP@ 25fps / 30fps (PAL / NTSC)
	Bit Rate	32Kbps ~ 5Mbps
	Mode	Manual, timed, motion, smart event
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	16CH
	Output	4CH
Network	Interface	RJ 45 1000Mbps × 1
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
	Incoming Bandwidth	32Mbps
	Outgoing Bandwidth	96Mbps
	Client Connection	Max. 10 users access
MobileDevice	OS	iOS, Andriod
Storage	HDD	SATA× 2, up to 10TB per HDD; E-SATA× 1
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	Yes (half-duplex), connect to PTZ or keyboard
	USB	USB 3.0 × 1; USB2.0 × 1
	Remote Controller	Optional
Others	Power Supply	DC12V / 4A
	Consumption	≤ 30W (without HDD)
	Dimensions(mm)	380 × 268 × 45 (W × D × H)
	Working Environment	-10~50°C, 10%~90% (humidity)
	Certificate	CE, FCC
	Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH