



## ZTN-EG16CH4K-POE



**ZTN-EG16CH4K-POE supports 16CH 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280x1024/960P / 720P high definition IP input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system. ZTN-EG16CH4K-POE integrates with 16 PoE network ports and supports 16 CH IPC direct connection to NVR , simultaneous 16 CH playback, and 4K high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.**

## Specifications

Model		ZTN-EG16CH4K-POE
System	OS	Embedded Linux
Video	Compression	H.265S/H.265+/H.265/H.264
	IP Video Input	16CH IPC input
	Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Network Bandwidth	96Mbps/96Mbps (incoming/outgoing)
	Output	HDMI : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA : 1920 × 1080 / 1280 × 1024 / 1024 × 768
Audio	Network Input	16CH IPC audio input
	2-way Audio	RCA × 1
	Local Output	RCA × 1
	Compression	G.711(U/A)
Record	Record Stream	Dual stream recording
	Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Frame Rate	NTSC: 30fps; PAL: 25fps
Playback	Simultaneous Playback	Max16 CH
	Search	Time slice / time / event / tag search/smart search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	Live View/ Playback	1CH 8MP/4CH 1080P
Alarm	Mode	Manual, sensor, motion, exception, smart events, etc.
	Input	8 CH local alarm input
	Output	4 CH
	Triggering	Record, snap, preset, e-mail, etc.
Other Functions	Fisheye	No
	Plate Recognition	Yes
PoE	PoE Port	RJ 45 100Mbps × 16
	Standard	IEEE802.3AF/AT
	Output Power	≤ 150W
Network	Interface	RJ 45 1000 Mbps × 1
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, ONVIF
	Client Connection	Max.10 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA × 2, max 10T for each HDD
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes

External Interface	RS 485	Yes (full-duplex), connect to PTZ or keyboard
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC48V~DC54V (3.75A~3.33A)
	Consumption	≤ 10W ( without HDD and PoE power supply )
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
	Dimensions(mm)	380 × 268 × 45 ( W × D × H )
	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity

## Features

- Supports 16CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/ 720P /960H/ D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 16 CH simultaneous playback
- Search : time slice, time, event, tag and smart search
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Supports license plate recognition
- Supports POS information overlay on live view and playback
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Supports 16CH PoE IPC direct connection to NVR via PoE ports
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K output, true high resolution display
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod

