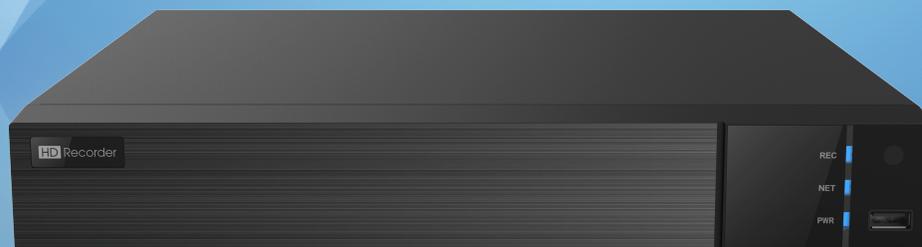


NVR

# 32CH NVR

12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P HD PoE NVR



# VSN T8432POE16b2



VSN T8432POE16b2 series supports 32 CH 12MP / 9MP/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.

VSN T8432POE16b2 series 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

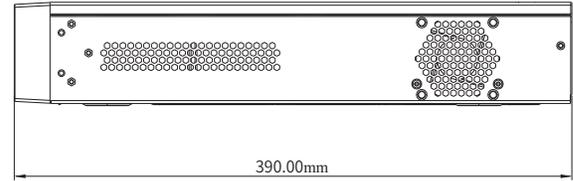
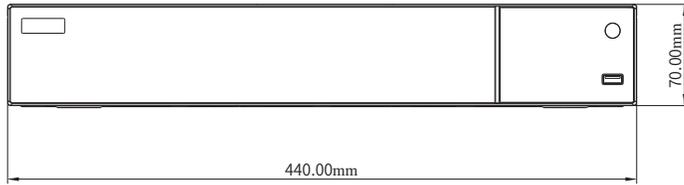
Model		VSN T8432POE16b2	
System	OS	Embedded Linux	
Video	Compression	H.265S/H.265+/H.265/H.264	
	IP Video Input	32CH IPC input	
	Resolution	12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF	
	Network Bandwidth	320Mbps/256Mbps (incoming/outgoing)	
	Output	HDMI1 : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA and HDMI1 output the same video source	
Audio	Multi-screen Display	Main output: 1/4/6/8/9/13/16/25/32/36 (live view) AUX output: 1/4/6/8/9 (live view) Max. 32+9CH local live view	
	Network Input	32 CH IPC audio input	
	2-way Audio	RCA × 1	
	Local Output	RCA × 1	
Record	Compression	G.711(U/A)	
	Record Stream	Dual stream recording	
	Resolution	12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF	
Playback	Frame Rate	12MP: 20fps; 9MP or lower resolution: NTSC: 30fps; PAL: 25fps	
	Simultaneous Playback	Max 16CH	
	Search	Time slice / time / event / tag / smart search	
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events	
Decoding Capability	Function	Play, pause, FF, FB, digital zoom, etc.	
	Live View/ Playback	1CH 12MP/4CH 1080P	
	Alarm	Mode	Manual, sensor, motion, exception, smart events, etc.
		Input	16 CH local alarm input
Output		4 CH	
Face	Triggering	Record, snap, preset, e-mail, etc.	
	Face Detection Performance (AI by IPC)	32CH	
	Face Detection Performance (AI by Device)	2 CH (2MP)	
	Face Match Performance	6 CH	
	Comparison Capability	18 pictures / second	
	Face Picture Database	32 libraries 10000 Face Pictures	
	Face Picture Search	Search by picture is supported	
	Database Management	Add, modify, delete and search face pictures	
	Face Picture Adding	Add face pictures through APP, WEB and external import	
	Face Picture Comparison	Support successful face recognition alarm and stranger match alarm	
	Track	Track display on a map	
	Statistical Graph of Information	Bar graph	
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period	
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	32CH	
	Human/Vehicle Classification (AI by Device)	2CH (2MP)	
Video Metadata	Human/Vehicle Attribute Analysis (AI by IPC)	Yes	

Other Functions	Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
	Plate Recognition (AI by IPC)	Yes
Network	Interface	RJ 45 1000 Mbps × 2
	Protocol	TCP/IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
	Client Connection	Max. 128 users access
PoE	PoE Port	RJ 45 100Mbps × 16
	Standard	IEEE802.3AF/AT
	Output Power	≤ 150W
Mobile Device	OS	iOS, Android
Storage	HDD Interface	SATA × 4, max 10T for each HDD
	E-SATA Interface	E-SATA × 1
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 3.0 × 1; USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	ATX 300W(PoE)
	Consumption	≤ 20W ( without HDD and PoE power supply )
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
	Dimensions(mm)	440 × 390 × 70(W × D × H)
	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity

## Features

- Support 32CH 12MP/9MP/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
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support license plate recognition
- Support 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, Hikvision, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Support 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
- 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 Android OS

## DIMENSIONS



## Rear Panel

