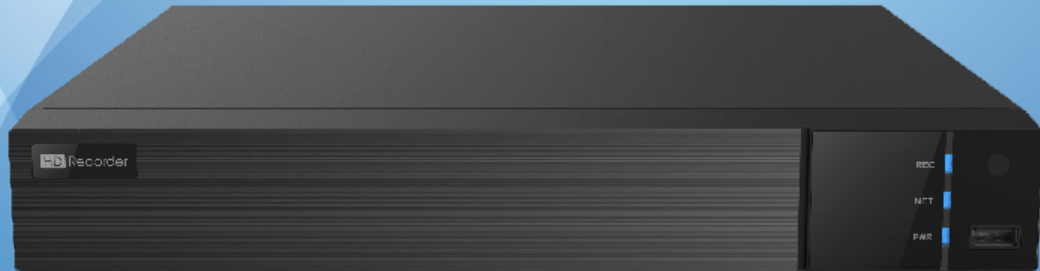


AI NVR

4CH PoE AI NVR

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



VTN-204P-A1



HD Output

HD IPC

DDNS

Network

PTZ

Audio

MIC

Mobile

CMS

USB

Mouse

E-mail

STD

VCA

VidoNet VTN-204P-A1 of products supports 4 CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P high definition IP video input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system. VidoNet VTN-204P-A1 integrates with 4 PoE network ports and supports 4 CH IPC direct connection to NVR, simultaneous 4 CH playback and 4K ultra high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.



Specifications

Model		VTN-204P-A1
System	OS	Embedded Linux
Video	Network Input	4 CH IPC input
	Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	Screen Display Mode	1/4
	Compression	H.265S / H.265+ / H.265 / H.264
Audio	Network Input	4 CH IPC audio input
	Local Input	RCA × 1 (for two-way audio)
	Local Output	RCA × 1
	Compression	G.711(U/A)
Record	Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Frame Rate	NTSC:30fps; PAL:25fps
Playback	Simultaneous Playback	Max. 4 CH
	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
	Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	Live View/ Playback	Non-AI Mode: 1×8MP@30fps/4×4MP@30fps/16×720P@30fps AI Mode: 1×8MP@30fps/4×3MP@30fps/9×720P@30fps/16×D1@30fps
	Mode	Manual, sensor, motion, exception, smart events
Alarm	Input	Supports IPC alarm input
	Output	Supports IPC alarm output
	Triggering	Record, snap, preset, e-mail, etc.
	Interface	RJ 45 × 1 (10/100/1000Mbps)
Network	Protocol	TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPS, 802.1x, RTSP, RTP, RTCP, FTP, WebSocket, SNMP, IGMP, ONVIF
	Incoming/ Outgoing Bandwidth	80/80 (Mbps) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
	Client Connection	Max. 64 users access
	Face	Face Detection Performance (AI by IPC)
Face	Face Detection Performance (AI by Device)	2 CH (2MP)
	Face Match Performance	No
	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)
Human/Vehicle Classification (AI by Device)		2 CH (2MP)
Video Metadata	Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Other Functions	Fisheye	Supports fisheye dewarping via Web Client and mobile APP
	Plate Recognition (AI by IPC)	Yes

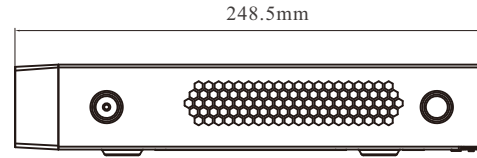
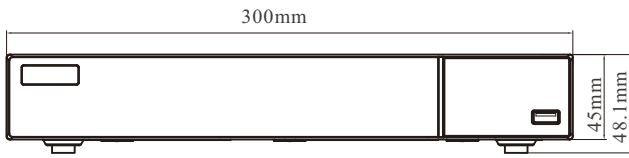
*AI mode: AI by device supported
Non-AI mode (default mode): AI by device not supported

Mobile Device	OS	iOS, Android
Storage	HDD Interface	SATA3.0 × 1, Max 18T
	Local Backup	U disk, USB mobile HDD
Backup	Network Backup	Yes
	Port	USB
PoE	Remote Controller	Optional
	PoE Ports	100M RJ45 × 4
	Standards	IEEE802.3AF/AT
Others	Output Power	≤ 48W
	Power Supply	DC 48V/1.25A
	Consumption	≤ 10W (without HDD)
	Dimensions (mm)	300 × 249 × 45 (W × D × H)
Others	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

Features

- Support 4 CH 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF IP video input
- Adopt standard H.265 and H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface (GUI, Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 4 CH simultaneous playback
- Search : time slice, time, event, tag, smart search
- Support multiple VCA (Video Content Analytics events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support POS information overlay on live view and playback
- 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
- 4 PoE network ports; IPC can be directly connected to NVR; PoE power supply supported
- 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 view and device status view
- 4K output, true high resolution display
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

Dimensions



Rear Panel

VTN-204P-A1

