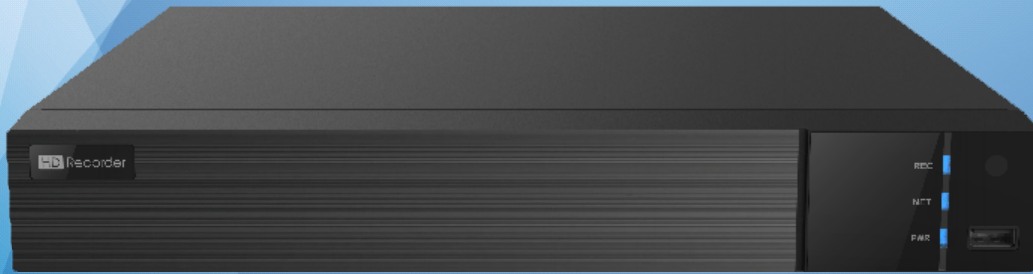




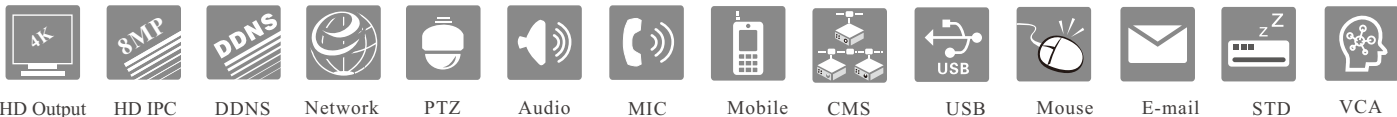
Viewtron 4K IP Camera NVR with PoE

4 Channel NVR with PoE

IP Camera NVR with Integrated AI Software Functions



VT-NVR-4



The Viewtron VT-NVR-4 supports these IP camera resolutions 4K / 8MP, 6MP, 5MP, 4MP, 3MP, 2MP / 1080P, 1MP / 720P, 1280×1024, 960P.

Advanced AI software integration with Viewtron AI cameras supports the following AI functions: human detection, vehicle detection, face detection (no face database on 4ch model), automatic license plate recognition, license plate database.

Direct PoE connection to NVR enables simple plug and play installations.

High end video processor supports simultaneous 4ch playback and 4K ultra high definition display. Viewtron NVRs are NDAA compliant, which means they are approved for use by the US government.



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Specifications

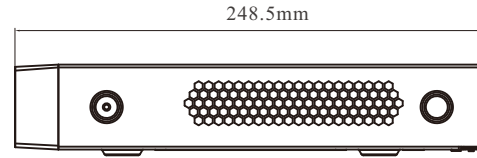
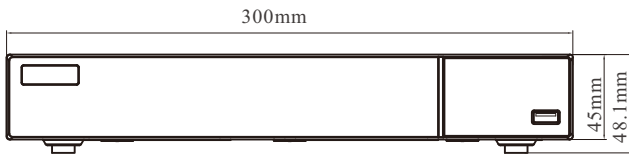
Model		VT-NVR-4	
System	OS	Embedded Linux	
Video	Network Input	RJ-45 4ch IP camera input	
	Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF	
	Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024/ 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768	
	Screen Display Mode	1 channel / 4 channel	
	Compression	H.265S / H.265+ / H.265 / H.264	
Audio	Network Input	4 channel IP camera 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	1×8MP@30fps; 6×1080P@30fps	
Alarm	Mode	Manual, sensor, motion, exception, smart events	
	Input	Supports IP camera alarm input	
	Output	Supports IP camera alarm output	
	Triggering	Record, snap, preset, e-mail, mobile push notification.	
Network	Interface	RJ 45 × 1 (10/100/1000Mbps)	
	Protocol	TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPS, 802.1x, RTSP, RTP, RTCP, 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)	4 channel with Viewtron AI camera	
	Face Detection Performance (AI by Device)	2 CH (2MP)	
	Face Match Database	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)	4 CH	8 CH
	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	

Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA3.0 × 1, max 10T
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	USB	USB 2.0 × 2
	Remote Controller	Optional
PoE	PoE Ports	100M RJ45 × 4
	Standards	IEEE802.3AF/AT
	Output Power	≤ 48W
Others	Power Supply	DC 48V/1.25A
	Consumption	≤ 10W (without HDD)
	Dimensions (mm)	300 × 249 × 45 (W × D × H)
	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

Features

- 4 channel 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/DI/CIF IP video input, 4 port PoE.
- Supports 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 channel 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 drive
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web, Viewtron VMS software, mobile app : preview, playback, backup, PTZ and configuration
- 4 PoE network ports; IP camera can be directly connected to NVR, power over Ethernet power supply supported
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Supports multiple remote user access simultaneously
- Authorization management, log view and device status view
- 4K HDMI video output, true high resolution display
- Support NAT function and QRCode scanning by mobile phones for simple remote setup
- Remote mobile surveillance via smart phone apps for iPhone and Android.

Dimensions



Rear Panel

