Network Recorder

TVT-64CHNVR-ND

64 Channel 8K NVR (No Hard Drive included)

Arrowhead Alarm Products

Features:

This powerful NVR series supports up to 64 IP channels with resolutions up to 16MP, delivering exceptional clarity and reliability through advanced SOC technology. With 16-channel simultaneous playback and 8K ultra-high-definition output, it ensures smooth performance and crisp visuals. Designed for residential, commercial, financial, transport, and government applications, it provides a robust and versatile solution for any security requirement.

Applications Include:

- Retail Spaces
- Commercial Buildings
- Transport Hubs

CCTV Solutions with **TVT**

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TVT-64CHNVR-ND Specifications

Note: NVR does not include HDD - Sold Separately.

	Model	TVT-64CHNVR-ND
System	OS	Embedded Linux
Video	IP Video Input	64CH
	Network Bandwidth	640Mbps/ 640Mbps(Incoming/Outgoing)
		*When the AI function of the IPC is enabled, the actual incoming bandwidth (max.bitrate) is more than the set value in the NVR.
	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Output	HDMI1: 7680×4320@60, 7680×4320@30, 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 (When the resolution of HDMI1output is 8K, HDMI2 is unavailable and the maximum resolution of HDMI3 output is 1920×1080) HDMI2: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI3: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI4: 1920×1080, 1280×1024, 1024×768 VGA×1: 1920×1080, 1280×1024, 1024×768 (VGA and HDMI1 output the same video source)
	Multi-screen Display	Main output:1/4/6/8/9/13/16/25/32/36/64 AUX output 1:1/4/6/8/9/13/16/25/32/36 AUX output2:1/4/6/8/9/13/16 AUX output 3:1/4/6/8/9/13/16 Max. 132(64+36+16+16)
	Compression	H.264/H.265/H.265+/H.265S
Audio	Network input	64CH
	Local Input	RCA×1 (for two-way talk)
	Local Output	RCA×1
	HDMI Audio Output	Support
	Compression	G.711(U/A)
Record	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Frame Rate	N:30fps；P:25fps
Playback	Simultaneous Playback	16CH
	Search	Time slice/time/event/tag/smart search
	Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.
Decoding Capability	Live View/ Playback	Non-AI mode(default mode): 1×16MP@30fps/4×16MP@30fps /9×6MP@30fps /16×4MP@30fps /36×720P@30fps (AI by device not supported) AI Mode:1×16MP@30fps/4×12MP@30fps/9×5MP@30fps/16×3MP@30fps/36×720P@30fps (AI by device supported)
Alarm	Mode	Manual, sensor, motion, exception, smart events, etc.
	Input	24CH
	Output	8CH
	Triggering	Record, snapshot, preset, e-mail, etc.
Face	Face Detection Performance (AI by IPC)	64CH
	Face Detection Performance (AI by Device)	4CH(4MP)
	Face Match Performance	16CH
	Comparison Capability	36 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	Supports successful face recognition alarm and stranger match alarm

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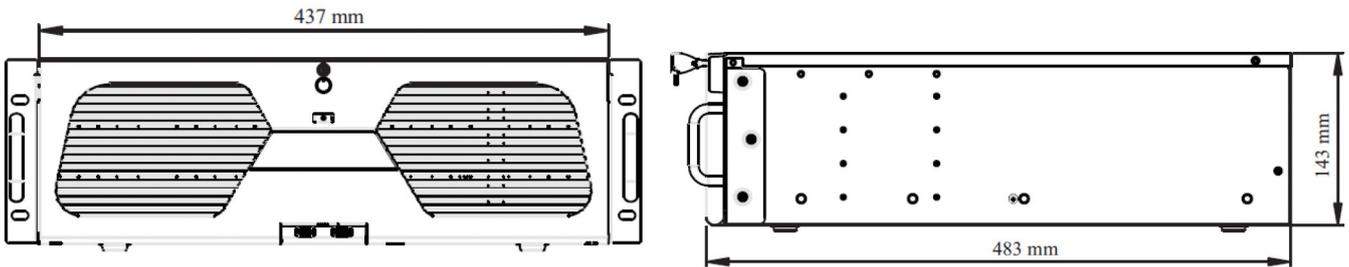|		
	Track	Track display on a map
	Statistical Graph of Information	Bar graph
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	64CH
	Human/Vehicle Classification (AI by Device)	8CH(2MP)
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	Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
	Interface	RJ45 10/100/1000Mbps ×2
	Client Connection	Max. 128 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA× 16，max 10TB per HDD
	RAID Type	RAID0,1,5,6,10
	E-SATA Interface	2
Port	USB	USB3.0× 1；USB2.0 ×3(Front:2)；
	RS485	Yes (full-duplex), connect to PTZ or keyboard
	RS232	Yes
	Reset	Yes
	Remote Controller	No
Others	Power	ATX-275W
	Consumption	≤50W (without HDD)
	Dimensions	437 × 483 × 143mm
	Certificate	CE,FCC
	Environmental Protection	Directive EU RoHS，WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
	Working Environment	-10~50℃; Humidity: 10%~90%

NVR Features:

- Supports 64 IP channels up to 16MP.
- Efficient H.265/H.264 compression.
- User-friendly GUI with easy mouse control.
- Flexible recording: manual, motion, sensor, POS, AI.
- 16-channel playback with smart search.
- Face detection & advanced video analytics.
- RAID 0/1/5/6/10 with fast USB/network backup.
- 8K ultra-high-definition output.
- Remote access via Web, CMS, or mobile apps.
- Third-party camera support, PTZ control, and multi-user management.
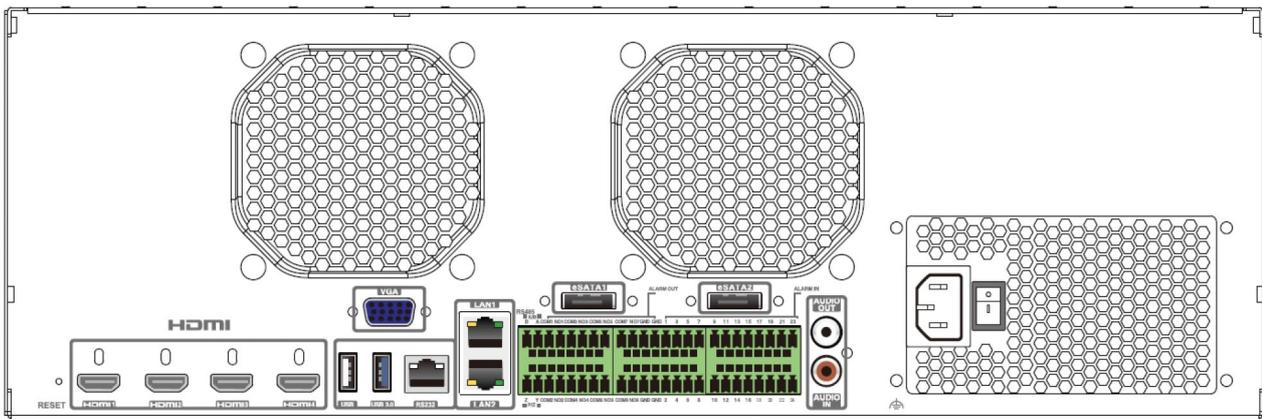
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Dimensions

437 mm

483 mm

143 mm

Rear Panel

Search/Playback	General Settings	Select Camera	Single Camera View	Function Panel

SuperCam Plus

Available on the App Store

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Plug & Play CCTV

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