Network Recorder

TVT-8CHNVR-ND

8 Channel NVR with 8 POE Ports
(No Hard Drive included)

Arrowhead
Alarm Products

Features:

TVT brings to you an NVR which supports 8CH at (6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P) with a high definition IP input. This adopts the most advanced SOC techniques to ensure high definition recording in each channel at all times. With 8 PoE network ports this NVR supports 8CH IPC direct connection to the NVR, simultaneous 8CH playback and 1080P high definition display.

Applications include:

• Home CCTV
• Commercial Premises
• Transport Hubs

CCTV Solutions with **TVT**

www.aap.co.nz

TVT-8CHNVR-ND Specifications

SPECIFICATIONS

Note: NVR does not include HDD - Sold Separately.

	Model	TVT-8CHNVR-ND
System	OS	Embedded Linux
Video	Compression	H.265S/H.265+/H.265/H.264
	IP Video Input	8CH IPC input
	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Incoming/Outgoing Bandwidth	160Mbps / 160Mbps (*when 8 IPCs are directly connected to 8 PoE ports, the incoming/outgoing bandwidth just can reach 80Mbps/80Mbps)
		*When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
	Output	HDMI : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA can be set to output the same or different video source with HDMI
	Multi-screen Display	Main output: 1/4/6/8/9 (live view) AUX output: 1/4/6/8/9 (live view) AI mode: max 8CH (HDMI and VGA output the same video source, AI by device, face comparison and picture comparison supported) Non-AI mode(default mode): max 16CH (VGA can be set to output the same or different video source with HDMI, AI by device, face comparison and picture comparison not supported)
Audio	Network Input	8 CH IPC audio input
	2-way Audio	RCA × 1
	Local Output	RCA × 1
	Compression	G.711(U/A)
Record	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Frame Rate	NTSC: 30fps; PAL: 25fps
Playback	Simultaneous Playback	Max 8 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:1×16MP@30fps/4×8MP@30fps/8×3MP@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/8×2MP@30fps
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.
Face	Face Detection Performance (AI by IPC)	8 CH
	Face Detection Performance (AI by Device)	Picture comparison disabled: 2 CH(2MP) or 1CH (4MP) Picture comparison enabled: 1CH(2MP) or 1CH (4MP)
	Face Match Performance	Picture comparison disabled: 6 CH Picture comparison enabled: 3 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	Supports allow list, block list 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

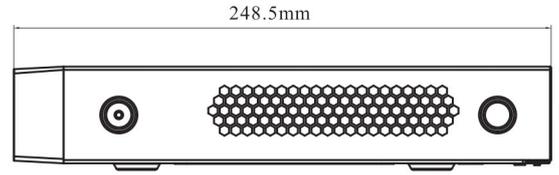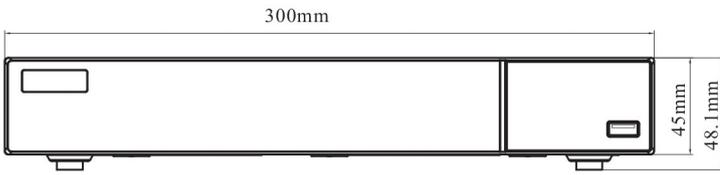|		
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	8 CH
	Human/Vehicle Classification (AI by Device)	Picture comparison disabled: 2 CH(2MP) or 1CH (4MP) Picture comparison enabled: 1CH(2MP) or 1CH (4MP)
Video Metadata	Human/Vehicle Attribute Analysis	Yes (AI by IPC)
Other Functions	Fisheye	Supports fisheye camera access
	Plate Recognition (AI by IPC)	Yes
PoE	PoE Port	RJ 45 100Mbps × 8
	Standard	IEEE802.3AF/AT
	Output Power	≤ 80W
Network	Interface	RJ 45 1000 Mbps × 1
	Protocol	TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, FTP, SMTP, HTTPs, 802.1x, RTSP, RTP, RTCP, WebSocket, SNMP, IGMP, ONVIF
	Client Connection	Max. 64 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA × 1, max 10T
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	DC48V/2.5A
	Consumption	≤ 20W (without HDD and PoE power supply)
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
	Dimensions(mm)	300 × 249 × 45 (W × D × H)
	Working Environment	-10 ～ 50 ℃，10% ～ 90% humidity

Features

- Supports 8 CH 16MP/12MP/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 : 8 CH simultaneous playback
- Search : time slice, time, event, tag and smart search
- Supports face detection and comparison
- 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, Hikvision, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Supports 8CH 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
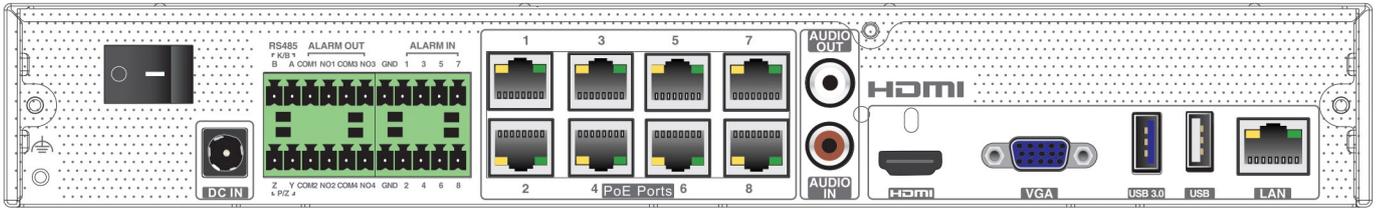- Powerful mobile surveillance by smart phones with iOS and Andriod OS

TVT-8CHNVR-ND Dimensions

DIMENSIONS

300mm

45mm
48.1mm

248.5mm

Rear Panel

RS485 ALARM OUT   ALARM IN
B A COM1 NO1 COM3 NO3 GND 1 3 5 7

1 3 5 7

AUDIO OUT

HDMI

Z Y COM2 NO2 COM4 NO4 GND 2 4 6 8
P/Z
DC IN   2 4 PoE Ports 6 8

AUDIO IN

HDMI   VGA   USB 3.0   USB   LAN

SuperCam Plus

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Arrowhead
Alarm Products