

# Network Camera Kit

TVT-4CHNVR-2CAMKIT-AI-6MP

4 Channel NVR with 2 x TVT-D2.8POE-6MP-AI Camera



**Arrowhead**  
Alarm Products



## Kit includes:

- 1 x 4 CH NVR with 4 x POE Ports
- 2 x 6MP 2.8mm Lens TVT-D2.8POE-6MP-AI Dome Camera
- 2 x 20m Ethernet Cable
- Supplied with 2TB HDD

## Features:

- User friendly GUI
- Plug & Play CCTV
- Free app for iOS & Android
- 2 year return to base warranty



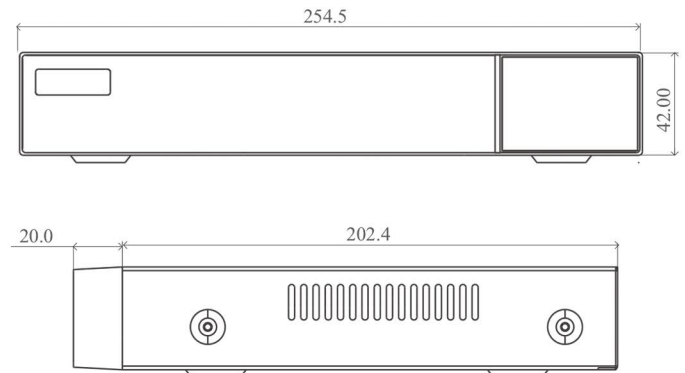
## Specifications

Model	TVT-4CHNVR-P	
System	OS	Embedded Linux
Video	Network Input	4 CH IPC input
	Network Input Resolution	6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF
	Output	HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI and VGA output the same video source
	Compression	H.265S / H.265+ / H.265 / H.264
	Multi-screen Display	1 / 4
Audio	Network Input	4 CH IPC audio input
	Local Input	No
	Local Output	No (HDMI supports the audio output)
	Compression	G.711(U/A)
Record	Resolution	6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF
	Frame Rate	30fps/25fps(NTSC/PAL)
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	1CH 6MP; 4CH 1080P
Alarm	Type	Manual, sensor, motion, exception, smart events, etc.
	Input	No
	Output	No
	Triggering	Record, snapshot, buzzer, preset, e-mail, etc.
Network	Interface	RJ 45 100Mbps × 1
	Protocol	TCP / IP, HTTP, HTTPS, 802.1, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP, ONVIF, etc.
	Incoming/ Outgoing Bandwidth	40/64 (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
LPR	Plate Detection (AI by IPC)	Yes
Mobile Device	OS	iOS, Android
Storage	HDD Interface	SATA3.0 × 1, max 10T
Backup	Local Backup	USB flash drive
	Network Backup	Yes
Port	USB	USB 2.0 × 2
	Remote Controller	No
PoE	PoE Ports	100M RJ45 × 4
	Standards	IEEE802.3AF/AT
	Output Power	≤ 40W
Others	Power Supply	DC 48V/1.25A
	Consumption	≤ 5W ( without HDD, and PoE off )
	Dimensions (mm)	255 × 222 × 42 ( 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

- Support 4/8 CH 6MP/5MP/4MP/3MP/1080P/960P/720P/960H/ D1/CIF IP video input
- H.265S/H.265+/H.265/H.264 coding
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording
- Playback : 4 /8CH 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, crowd density, etc.
- Support POS information overlay on live view and playback
- Express and flexible backup via USB, network and so on
- Support preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- 4/8 PoE network ports; IPCs can be directly connected to NVR; PoE power supply supported
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Authorization management, log view and device status view
- 1080P HD 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



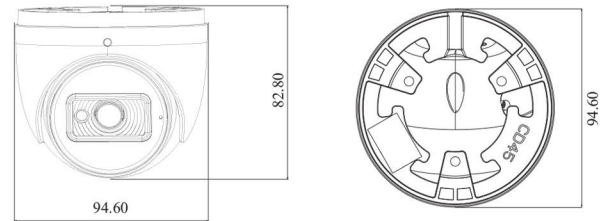


## SPECIFICATIONS

Model	TVT-D2.8POE-6MP-AI			
<b>Specifications</b>				
<b>Camera</b>				
Image Sensor	1 / 2.7 "CMOS			
Image Size	3072 × 2048			
Electronic Shutter	1 / 1s ~ 1 / 100000s			
Iris Type	Fixed Iris			
Min. Illumination	0.007 lux @F1.6, AGC ON; 0 lux with IR			
Lens	2.8mm@F1.6, Horizontal FoV:110.5°;Vertical FoV:57°; Diagonal FoV:131°			
Focus	Fixed			
Lens Mount	M12			
Day&Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Digital NR	Yes			
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°;Rotation: 0°~360°			
<b>Image</b>				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264/ MJPEG			
H.265 Compression Standard	Main Profile@Leve4.1 High Tier			
Resolution	6MP (3072 × 2048 ), 5MP ( 2880 × 1620 ), 4MP ( 2560 × 1440 ), 3MP ( 2304 × 1296 ), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, 480× 240, CIF			
Main Stream	60Hz: 6MP/5MP(1~20fps);4MP/3MP/1080P/720P(1~30fps); 50Hz: 6MP/5MP(1~20fps)/4MP/3MP/1080P/720P(1~25fps)			
Sub Stream	60Hz: 720P/D1/CIF (1~30fps);50Hz: 720P/D1/CIF (1~25fps)			
Third Stream	60Hz: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(1~25fps)			
Bit Rate	64 Kbps ~ 8 Mbps			
Bit Rate Type	VBR / CBR			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
<b>Functions</b>				
Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP			
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, RTMP, HTTP, HTTPS, QoS			
Interface Protocol	ONVIF			
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, SD card full, SD card error			
Smart Event	Video Exception (scene change, video blur and video cast detection), line crossing detection, region intrusion detection, abandoned/missing object detection			
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern			
PoE	Yes			
IR Distance	20 ~ 30 m			
Ingress Protection	IP67			
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8mm	59.67m(195.76ft)	23.87m(78.31ft)	11.93m(39.14ft)	5.97m(19.58ft)
<b>Interfaces</b>				
Network	RJ45			
Video Output	No			
Audio	1CH audio input; 1CH built-in MIC			

Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 5.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F);Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Ø 94.6 × 82.8
Weight ( net )	Approx. 0.46KG
Installation	Ceiling mounting(Wall mounting available with the junction box and bracket)
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

## DIMENSIONS

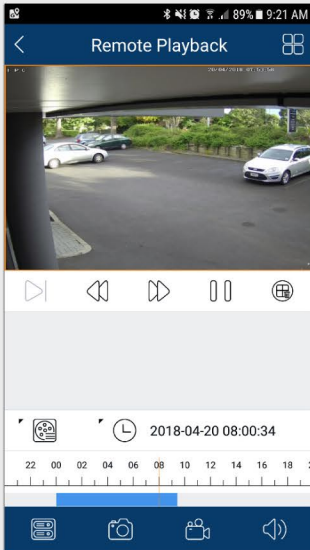


## AVAILABLE ACCESSORIES

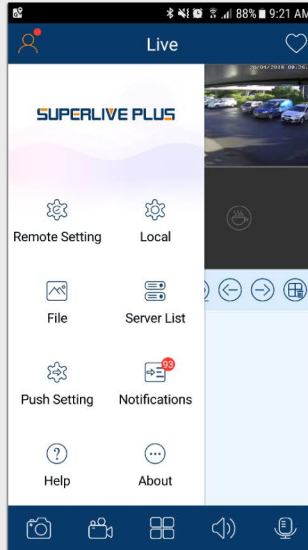




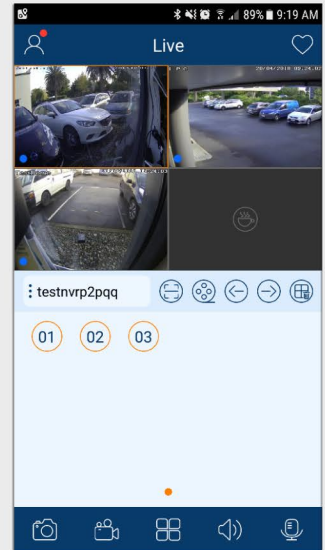
## Search/Playback



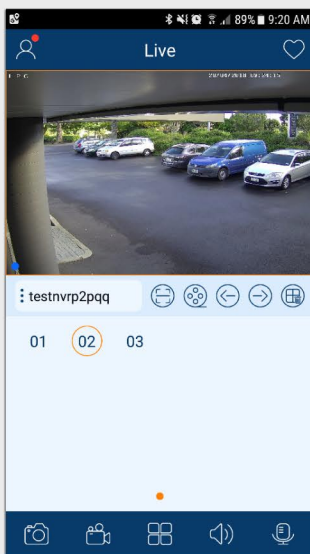
## General Settings



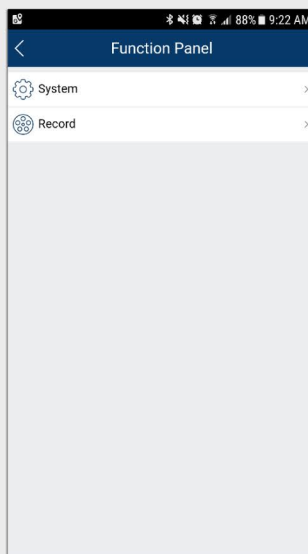
## Select Camera



## Single Camera View



## Function Panel



## Device Settings



## SuperCam Plus

