

AI 42X Zoom Speed Dome IP Camera

2MP • AI • 42X Optical Zoom • 120dB Super WDR • 0.005Lux Starlight • Smart IR II Technology • IR Distance up to 300m • IP66 • IK10 • PTZ Auto Tracking • 3D Positioning • Smart PTZ Motion Detection • 90fps • PoE • NDAA Compliant

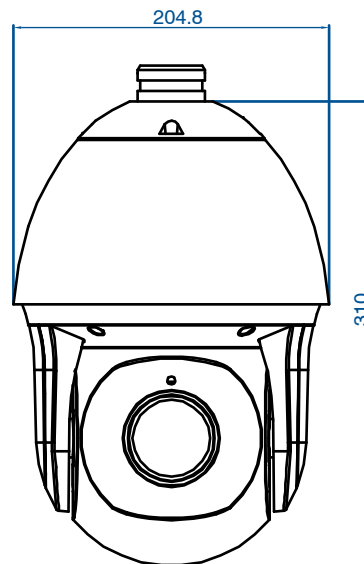


MODEL		TA-K22941-X42RPE
CAMERA	Image Sensor	1/2.8" Progressive Scan CMOS Sensor
	Minimum Illumination	Colour: 0.005Lux@F1.8 B/W: 0Lux with IR on
	WDR	120dB Super WDR
	Shutter Time	1/100000s~1s
	Digital Zoom	16X
	Day/Night Mode	Day/Night/Auto/Customize/Schedule
	S/N Ratio	>55dB
LENS	Focal Length	7~300mm, 42X Optical Zoom
	Zoom Speed	Approx 7s (Wide-Tele)
	Field of View	H45°~H2°/D50°~D2°/V27°~V1°
	Focus Control	Auto/Semi-Auto/Manual
	Minimum Working Distance	1200/1500mm(Wide/Tele)
	Aperture	F1.8~F6.5
	Iris Control	Auto
PTZ	Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~250°/s, Pan Preset Speed: 250°/s
	Tilt Range/Tilt Speed	-5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~160°/s, Tilt Preset Speed: 160°/s


PTZ	Proportional Zoom	Support
	Preset Quantity	300
	Patrol	8 Patrols, up to 48 presets each patrol
	Pattern	4 Patterns
	Auto Tracking	Support
	Power Off Memory	Support
	Other Function	Auto Scan, Auto Home, Preset Freezing, 3D Positioning, PTZ Limits, Initial Position
IR	IR Distance	Up to 300m
	IR Angle	Auto/Manual
VIDEO	Maximum Image Resolution	1920x1080
	Primary Stream	60Hz: 90fps@(1920x1080) (Optional for T Series), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 90fps@(1920x1080) (Optional for T Series), 50fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/ MJPEG
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
	Privacy Masking	Up to 8 areas(Mask areas and mosaic areas are optional)
	ROI	Up to 8 areas
	Image Setting	Brightness/Contrast/Saturation/Sharpness
INTERFACE	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	1/1
	Alarm I/O	4/2
	RS485	Support
NETWORK	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP,SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
AUDIO	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
INTELLIGENT ANALYTICS	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	Face Detection	Detect and capture faces, get real-time snapshots; Attributes include Age, Gender, Glasses, Masks and Caps
	People Counting & Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting
SYSTEM	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & Q & S & T, API
GENERAL	Working Temperature	-40°C~60°C
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3at) / AC 24V/3A±10%

GENERAL	Power Consumption	11W MAX / 26W MAX (With IR on)
	Housing	Up to IP66-rated for Weather-resistant Performance / Vandal-proof IK10-rated Metal Housing(Optional)
	Heater	Support
	Wiper(Optional)	Support
	Surge Protection	6KV
	Dimensions	Φ205mmX308mm
	Weight	4kg
Warranty	2 Years / 3 Years (Optional)	
OPTIONS	TA-K22941-X42RTPE	2MP AI 42X Zoom Speed Dome IP Camera; Primary Stream – 90fps
	TA-K22941-X42RPE/W	2MP AI 42X Zoom Speed Dome IP Camera with Rain Sensing Wiper
	TA-K22941-X42RTPE/W	2MP AI 42X Zoom Speed Dome IP Camera with Rain Sensing Wiper; Primary Stream – 90fps

Structure Diagram:



Accessories:

T01 POLE MOUNT  Weight: 720g Dimensions: 170*51.5*152.6mm	T03 EXTERNAL CORNER BRACKET  Weight: 900g Dimensions: 170*152.5*76.3mm	T41 WALL MOUNT  Weight: 400g Dimensions: 200*129*100mm
T42 PENDANT MOUNT  Weight: 650g Dimensions: 116.2*255mm	T42-L EXTENSION LEVER  Weight: 325g Dimensions: 57*255mm	T43 JUNCTION BOX  Weight: 1kg Dimensions: 195*164*80mm