

9012VT

# TRACKING CAMERA



4K UHD  
Image



110 degree  
Ultra Wide



6 m 6 Mic  
Arrays



Voice  
Tracking

The AK9012 VT series 4K ultra HD camera offers perfect functions, superior performance, and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution and fantastic color rendition.



4k Intelligent  
**Dual-lens Camera**



AI-based Collaboration  
**Boost Efficiency**



AI Smart  
**Framing**

## Panaromic + Close-up (Dual Lens) **Integrated Design**



## Ultra Wide **Angle Lens**



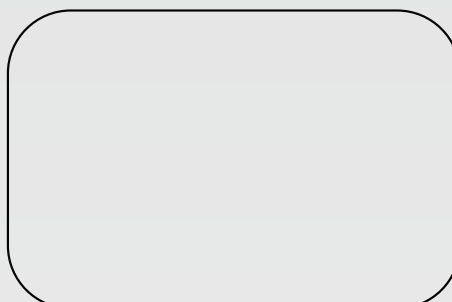
## USB 3.0 **Plug-and-Play**



# Technical Specifications

Module	Function	Description		
Camera	Close-up Lens	Optical Zoom	12X	
		Viewing Angle	7.6° (N) ~ 80.5° (W)	
		Iris Value	F1.8 – F3.6	
		Digital Zoom	15X	
		Focal Length	f= 3.4~40.3mm	
	Effective Pixels	851M, 16 : 9		
	Image	Minimum Illumination	0.5Lux(F1.8, AGC ON)	
		DNR	2D & 3D	
		White Balance	Auto/Manual/One-push/Specified Color Temperature	
		Focus	Auto/Manual/One-push	
		Image Adjustment	Brightness, Hue, Saturation, Contrast, Sharpness, BW Mode, Gama Curve	
		SNR	>50dB	
	Video Formats	HDMI : 4KP30, 4KP25, 1080P30, 1080P25, 1080P29.97 ; USB3.0: Main Stream : YUY2/NV12, MJPG/H264:H265		
	Fixed Focus Lens			
	Viewing Angle	110.2°\101.8°\69.5° (D\H\V)		
	Iris	F2.0±5%		
	Focus	F=1.89mm		
PTZ	Rotating Angle	Pan : ±110° ; Tilt : -30°+30°		
	Control Speed	Pan : 0.1°/s~100°/s ; Tilt : 0.1°/s~70°/s		
AI	Smart Framing	Group Framing, Face Detection		
	Voice Tracking	Voice Localization, Voice Tracking on/off		
Mics	6 mics arrays with 6 meters audio range			
Interface	Back Panel	HDMI, LAN(POE), USB3.0, A-IN, RS232-IN, DC12V Power Supply		
	Video Output	HDMI, LAN, USB3.0		
	Video	LAN : H.264, H.265		
	Compression Formats	USB 3.0 : MJPG, H264, YUY2、NV12		
	Audio Input	Dual channel 3.5mm linear input		
	Audio Output	HDMI, LAN, USB3.0		
	Audio Compression	AAC, MP3, G.711A		
	Network Port	10M/100M/1000M		
	Network Protocols	RTSP、RTMP、ONVIF、GB/T28181、VISCA OVER IP、IP VISCA、RTMPS、SRT support remote upgrade, remote restarting, and remote reset.		
	Control Jack	RS232-IN		
	Serial Port	VISCA/Pelco-D/Pelco-P		
	Communication Protocols	Baud Rate115200/38400/9600/4800/2400		
	USB Communication Protocols	UVC (Video Communication Protocols) , UAC (Audio Communication Protocols)		
	Power Supply	HEC3800 power socket (DC12V)		
Power Adapter	Input: AC110V~AC220V ; Output: DC12V/2.5A			
Product Dimension	220 (L) mm×144mm (W) ×159mm (D)			

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