

# 4K Ultra HD (NDI) AI Tracking PTZ Camera



4K Ultra HD AI Tracking PTZ Camera

4K Ultra HD NDI AI Tracking PTZ Camera

## Key Features

- 4K Ultra HD Image, with resolution up to 4K@60fps
- 12X/20X/30X optical zoom lens
- Support PoE
- Support AI tracking, with real-time tracking and area tracking optional
- Fast, accurate and stable auto focus
- Low Noise and High SNR
- Multiple interfaces with HDMI, USB, LAN and SDI
- Multiple Audio/Video Compression Standard
- Multiple control port and control protocol
- Multiple Network Protocol include ONVIF, RTSP, RTMP, VISCA
- 4K Ultra HD NDI AI Tracking PTZ Camera support NDI HX3

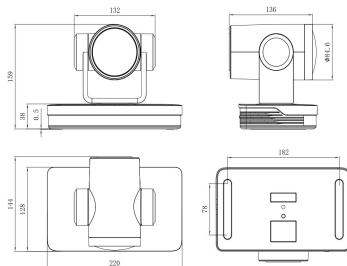
## Specification

<b>Connectors</b>	Video (OUT)	HDMI	1×HDMI-A		
		SDI	1×BNC		
		USB	1×USB-A		
		LAN (Support PoE)	1×RJ45		
	Audio (IN)		1×3.5mm Stereo Jack		
Communication	RS232 In/Out		2×DIN 8		
	RS422 (RS485)		1×4Pin Terminal		
Power			1×DC Jack		
<b>Performance</b>	Camera	Optical Zoom	12X	20X	30X
		Aperture	F1.8 ~F3.56±5%	F1.61 ~F5.19±5%	F1.35 ~ F4.6±5%
		Focus	f=3.85 mm ~ 43.06 mm ±5%	7.1 mm ~171.95 mm ±5%	6.91 mm ~214.21 mm ±5%
		View Angle	Horizontal: 7.59°(tele)~80.4°(wide) Tilt:4.6°(tele)~50.0°(wide)	Horizontal: 2.5°(tele)~59.2°(wide) Tilt: 1.4°(tele)~ 34.6°(wide)	Horizontal: 2.5°(tele)~59.2° (wide) Tilt: 1.4° (tele)~ 34.6°(wide)
		Image Sensor	1/2.5" SONY CMOS	1/1.8" SONY CMOS	1/1.8" SONY CMOS
		Digital Zoom	8X		
		Effective Pixels	8.51m,16:9		
		Illumination Min	0.05 lux (F1.8, AGC ON)		
		DNR	3D DNR		
		White Balance	Auto / Manual/ One Push/ Specified color temperature		
	Focus Mode	Auto / Manual/ One Push			
	Explosure Mode	Auto / Manual / Shutter Priority / Iris Priority / Whiteness Priority			
	Shutter Speed	1/25 ~1/10000			
	Dynamic range	OFF/ Dynamic level adjustment			
	BLC	ON/OFF			
	Video Adjustment	Brightness/Color/Saturation/Contrast/Sharpness/B/W mode			
	SNR	≥50dB			
	Pan-and-Tilt Parameter	Pan/Tilt Rotation	-110°~+110°/-30° +30°		
		Pan/Tilt Control Speed	0.1~100°/S ; 0.1~70°/S		
		Preset Speed/Numbers	Pan:78.8°/S, Tilt:31.7°/S; Up to 255 preset positions (10 remote control)		
		Audio Compression Format	AAC,MP3,G.711A		
	Video Compression Format	LAN:H.264, H.265 USB: MJPG, H.264, H.265, YUY2, NV12			
Output Resolutions	HDMI	3840*2160P60/50/25/59.94/29.97   1080P60/50/25/59.94/29.97   1080i60/50/59.94   1080P@30fps 720P@60fps   720P@50fps   720P60/50/59.94			
	SDI	1080P60/50/25/59.94/29.97   1080i60/50/59.94   1080P@30fps  720P@60fps   720P@50fps  720P60/50/59.94			
	USB	YUY2/NV12 640*480   640*360   480*270   320*180P30/25 MIPEG/H.264/H.265 1920*1080   1600*896   1280*720   1024*576   960*540   800*600   800*448   720*576   720*480   640*480   640*360   480*270   352*288   320*240P60/50/30/25   3840*2160P30			
Control Protocol	VISCA   Pelco-D   Pelco-P				
Baud Rate(bps)	115200   38400   9600   4800   2400bps				
Network Protocol	RTSP   RTMP   ONVIF   VISCA				
<b>Power</b>	Input Voltage	DC12V			
	Max Power	<12W			
<b>Working Environment</b>	Temperature	-10℃ ~50℃			
	Humidity	20%~80%			
<b>Physical</b>	Weight	Net	1.7kg		
		Package	3.5kg		
	Dimension	Net	220mm×144mm×159mm		
Package		275mm×260mm×350mm			

## Order Codes

## Dimension

Product Code	Model
981-0011-85-0	RGB12X-UPAI-BK 12X 4K Ultra HD AI Tracking PTZ Camera
981-0011-86-0	RGB12X-UPAI-BK 12X 4K Ultra HD NDI AI Tracking PTZ Camera
981-0011-83-0	RGB12X-UPAI-BK 20X 4K Ultra HD AI Tracking PTZ Camera
981-0011-84-0	RGB12X-UPAI-BK 20X 4K Ultra HD NDI AI Tracking PTZ Camera
981-0011-87-0	RGB12X-UPAI-BK 30X 4K Ultra HD AI Tracking PTZ Camera
981-0011-88-0	RGB12X-UPAI-BK 30X 4K Ultra HD NDI AI Tracking PTZ Camera



\* There is no standard bracket for this PTZ. If necessary, please contact RGBlink sales for additional orders.

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Specifications are correct at time of printing and subject to change or alteration without notice.

