RADA

FOCUS ON
WHAT MATTERS

AI TRACKING CAMERA

KEY FEATURES:

Dual Camera System
Superb High-Definition Image

Intelligent Tracking
Fast, Accurate and Stable

Multiple Outputs
HDMI, USB and Network

PRODUCT **ARCHITECTURE**

124.2

181.5

148

254

Dual Camera System
Built-in wide angle camera to capture the presenter and background; tracking camera that always focuses on the presenter.

Advanced Tracking Algorithms
Technology makes sure that the presenter is always tracked steadily and accurately thanks to advanced human detection and tracking image processing. Camera movement can be adjusted to achieve maximum smoothness.

Wide Compatibility
Supported in popular video conferencing applications as well as recording and streaming software, such as Zoom, Skype, and OBS among others.
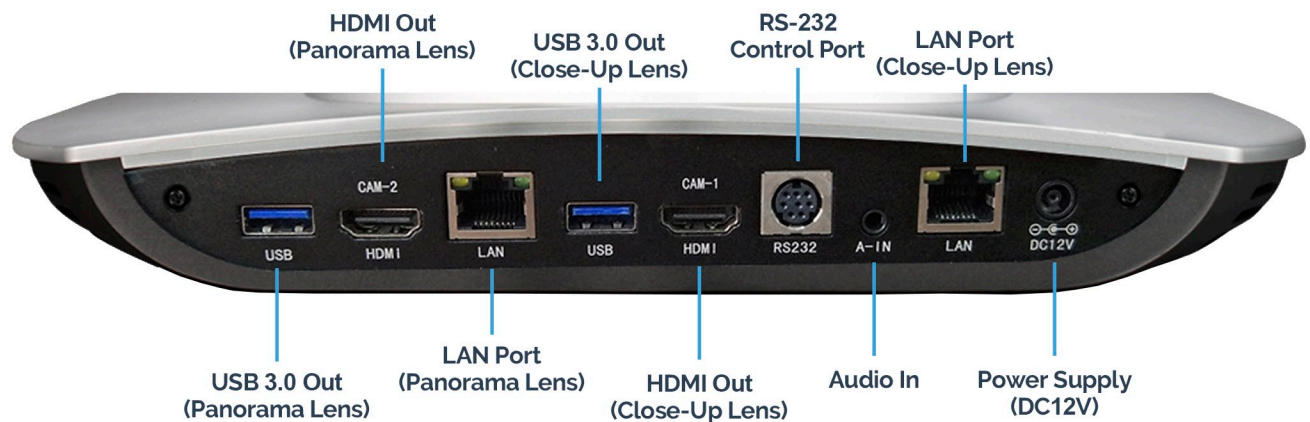
Auto-Zoom Adjustment
Camera will automatically adjust zoom level according to the tracking preset to achieve the best image results in terms of size and proportion.

Anti-Interference
Once the tracking target is locked, the camera is not affected by activity of other moving objects. Camera will always focus on the presenter in a designated area.

- Ultra Wide Dynamic Exposure Function • 1/2.8" High Quality CMOS Sensor
- H.264/H.264+ Video Compression
- ONVIF, RTSP, RTMP compatible protocols • Low Power Consumption
- Step Driving Motor Mechanism

CONNECTION **DIAGRAM**

HDMI Out
(Panorama Lens)

USB 3.0 Out
(Close-Up Lens)

RS-232
Control Port

LAN Port
(Close-Up Lens)

CAM-2

CAM-1

USB   HDMI   LAN   USB   HDMI   RS232   A-IN   LAN   DC12V

USB 3.0 Out
(Panorama Lens)

LAN Port
(Panorama Lens)

HDMI Out
(Close-Up Lens)

Audio In

Power Supply
(DC12V)

TECHNICAL **SPECIFICATIONS**

Model Name	A-TC01 Auto Tracking Camera
Camera	
Lens and Focus	20x optical zoom / 10X digital zoom
Focal Length	f＝4.7〜94mm
F Number	F1.6 〜 F3.5
Field of View	2.9°(narrow)〜55.4°(wide)
Image Sensor	1/2.8 inch high quality HD CMOS sensor
Video Compression	H.264,H.265
Minimum Illumination	0.5Lux (F1.8, AGC ON)
White Balance	Manual/Auto/One Push/ 3000K/4000K/5000K/6500K /
Video Output	HDMI、USB 3.0、LAN
Output Resolution	1080P60/50/30/25/59.94/29.97 ,1080I60/50/59.94,720P60/50/30/25 / 59.94 /2 9.97
Image Auto Adjustment	BLC: ON-OFF / 2D & 3D digital noise reduction / WDR: OFF-Dynamic Range adjustment / Electronic Shutter: Auto-Manual
Image Settings	Brightness / Hue / Saturation / Contrast Ration / Sharpness / Gamma
SNR	>55dB
Pan/Tilt Rotation	Horizontal -170°〜+170° / Vertical -30°〜+90°
Pan/Tilt Speed	Horizontal 0.1 〜100°/s / Vertical 0.1〜45°/s
Panoramic Lens	
Image Sensor	1/2.8 inch high quality HD CMOS sensor
Lens	Manual focus
Video Output	HDMI、USB 3.0、LAN
Field angle (D/H/V)	112˚ /82˚ /57.6˚
Network and Control	
Network Interface	100M Internet access (10/100BASE-TX) 5G WiFi (optional), Network VISCA control protocol
Control Port	RS-232/485
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud rate: 115,200/9,600/4,800/2,400bps
Network Protocol	RTSP,RTMP,ONVIF,GB/T28181
Preset Positions	User can set up to 255 presets at most (10 presets of mobile control)
General	
Operating Temperature	-10°C 〜+50°C
Humidity	20%〜80%
Dimension (L x W x H)	254mm X 144mm X 174mm
Weight	1.50kg
Power Supply	Input AC110V-AC220V - Output DC12V/2.5A
Power Consumption	18W (Max.)
Accessories	Quick guide / 12V/2.5A power adapter / remote controller / RS-232 cable / USB 3.0 cable