

RADPA



FOCUS ON WHAT MATTERS

**AI
TRACKING
CAMERA**

KEY FEATURES:

**Intelligent
Tracking**

**Full Pan, Tilt and Auto-Zoom
Tracking out of the box**

**NDI|HX
Support**

**For Audio, Video,
and Control**

**Multiple
Outputs**

HDMI, USB, Network, 3G-SDI

PRODUCT ARCHITECTURE



Single Camera for Tracking and Image

Camera can find and track presenters with a single lens, displaying them in crystal-clear Full HD resolution.

Advanced Tracking Algorithm Without Apps

Tracking works out of the box and can be configured from the camera's web interface. Tracking reliably detects moving presenters and stays focused on them until they leave the camera's view.

Wide Compatibility

Supported in popular video conferencing applications as well as recording and streaming software, such as Zoom, Skype, and OBS among others. Pre-installed NDIIHX license makes it possible to use the camera together with computers, mobile devices, and professional AV hardware just by connecting the network cable.

Auto-Zoom Adjustment

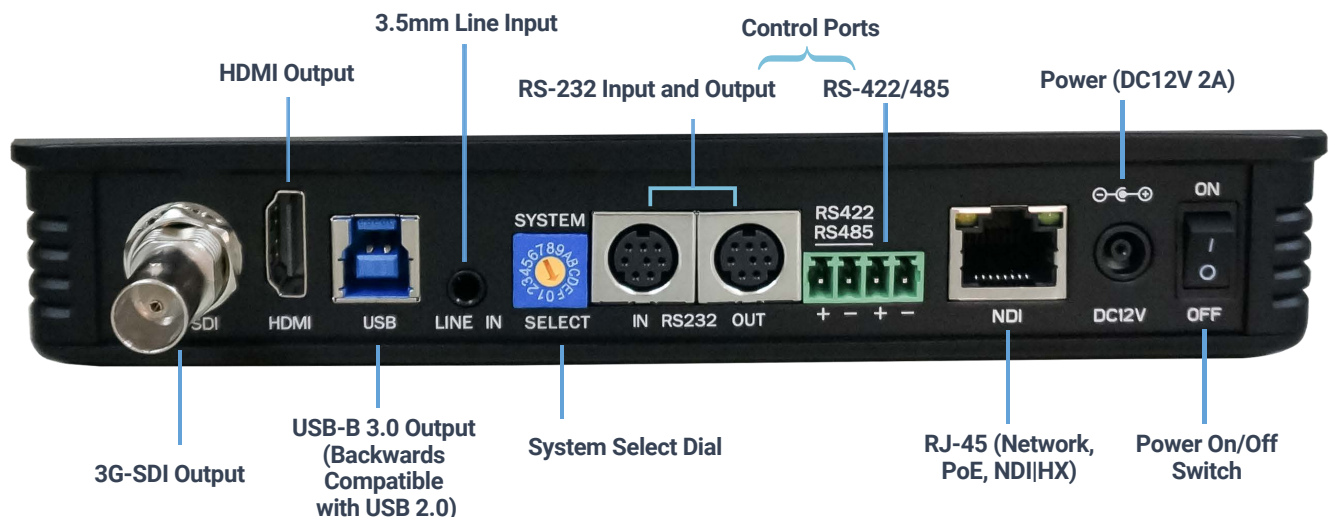
Camera will automatically adjust zoom level based on the distance to the tracking target, achieving the best image results in terms of size and proportion.

Anti-Interference

Once the tracking target is locked, the camera will persistently follow it and ignore other moving targets.

- Inbuilt Gravity Sensor for Image Auto-Flip
- 1/2.8" High Quality CMOS Sensor
- H.264/H.265/YUY2/NV12/MJPEG Video Compression
- ONVIF Profile S, RTSP, RTMP, RTMPS, SRT, NDIIHX Compatible Protocols
- Step Driving Motor Mechanism

CONNECTION DIAGRAM



TECHNICAL SPECIFICATIONS

Model Name	A-TC02 Auto Tracking Camera
Camera	
Lens and Focus	20x optical zoom / 10x digital zoom
Focal Length	f5.05 ~ 101mm
Aperture Value	F1.8 ~ F2.9
Field of View	3.6° (N) ~ 58.6° (W)
Image Sensor	1 / 2.8 inch high quality HD CMOS sensor
Video Compression	H.264 / H.265 / YUY2 / NV12 / MJPEG Video Compression
Minimum Illumination	0.5Lux (F1.8, AGC ON)
White Balance	Manual / Auto / One Push / VAR
Interfaces	HDMI, 3G-SDI, USB Type-B 3.0 (backwards compatible with USB 2.0), RJ-45 (PoE), 3.5mm Line IN, RS-232 IN, RS-232 OUT, RS-422 (Compatible with RS-485), System Select Dial, DC12V Power Supply Jack, Power Switch Button
Output Resolution	Up to 1080P60
Image Auto Adjustment	BLC: ON-OFF / 2D & 3D digital noise reduction / WDR: OFF-Dynamic Range adjustment / Electronic Shutter: Auto-Manual / Image Auto Flip
Image Settings	Brightness / Hue / Saturation / Contrast Ration / Sharpness / Gamma
SNR	>50dB
Pan / Tilt Rotation	Horizontal -170° ~ +170° / Vertical -30° ~ +90°
Pan / Tilt Speed	Horizontal 0.1° ~ 100°/s / Vertical 0.1 ~ 45°/s
Tracking Function	
Tracking Type	AI Tracking
Tracking Distance	Effective tracking at distances up to 10 metres
Tracking Mode	Zone Tracking (4 tracking zones can be set up, which can be set within horizontal -170° ~ +170° and vertical -30° ~ +90°. Camera uses zone PTZ presets to track targets)
Network and Control	
Control Port	RS-232-IN / RS-232-OUT / RS-485 / RS-422
Control Protocol	VISCA / PELCO-D / PELCO-P / ONVIF / NDI HX / VISCA-OVER-IP
Network Protocol	RTSP, RTMP, ONVIF, RTMPS, SRT
Preset Positions	Up to 255 presets (10 can be configured and used via remote control)

TECHNICAL SPECIFICATIONS

General	
Operating Temperature	-10°C ~ +50°C
Humidity	20% ~ 80%
Dimensions (L x W x H)	181mm X 115mm X 149mm
Weight	1.15kg
Power Supply	Input AC110V-AC220V-Output DC 12V / 2.5A
Power Consumption	18W (Max.)
Accessories	Quick Guide, Power Adapter, RS-232 Control Cable, USB 3.0 Connection Cable, Remote Controller