RADA

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

NDI|HX

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 NDI-HX license makes it possible to use the camera together with computers, mobile devices, and professional AV hardware just by connecting the network cable.
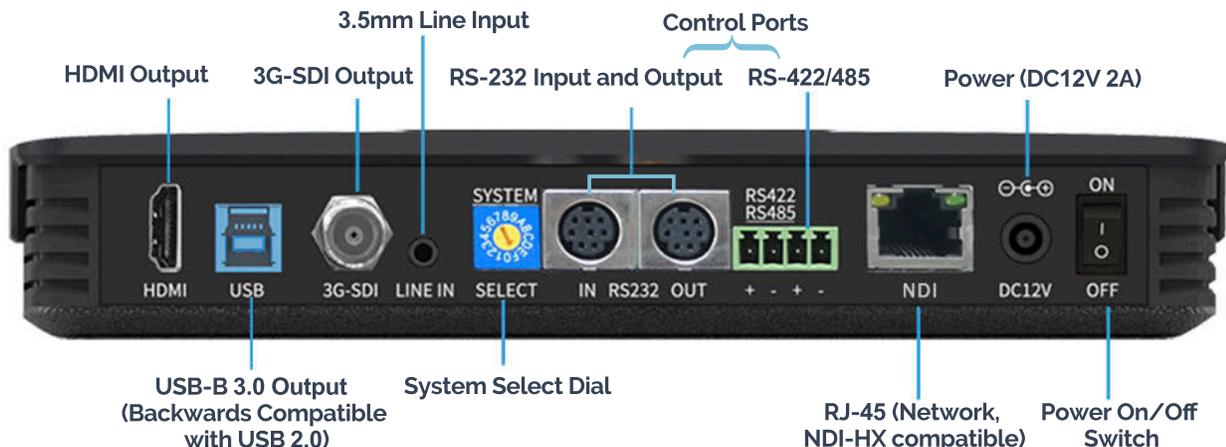
Auto-Zoom Adjustment
Camera will automatically adjust zoom level based on the distance to the tracking target, achieving the best image results in terms of size and proportion.

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, RTSP, RTMP, RTMPS, SRT, NDI-HX Compatible Protocols
- Step Driving Motor Mechanism

CONNECTION DIAGRAM

3.5mm Line Input

Control Ports

HDMI Output   3G-SDI Output   RS-232 Input and Output   RS-422/485   Power (DC12V 2A)

USB-B 3.0 Output
(Backwards Compatible
with USB 2.0)

System Select Dial

RJ-45 (Network,
NDI-HX compatible)

Power On/Off
Switch

TECHNICAL **SPECIFICATIONS**

Model Name	A-TC02 Auto Tracking Camera
Camera	
Lens and Focus	20x optical zoom / 10x digital zoom
Focal Length	5.2 ~ 98mm
F Number	F1.5 ~ F3.0
Field of View	3.2° (Tele) ~ 56° (Wide)
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
Video Output	HDMI, USB 3.0, RJ-45, 3G-SDI
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
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
Network Protocol	RTSP, RTMP, ONVIF, GB / T28181, VISCA-OVER-IP, RTMPS, SRT
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%
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