

AutoTracker™ 3

Intelligent Tracking Camera

OVERVIEW

- **AUTOMATICALLY FOLLOWS A PRESENTER**

Uses facial and motion detection to track the first person who enters a tracking zone. Tracks even if subject turns around or stands still without interference from moving objects or other people.

- **BUILT-IN AI TRACKING**

Auto adjusts the framing based on the subject's height. Switches subject when person leaves tracking zone and someone else walks in. Adjustable tracking sensitivity settings.

- **HIGH QUALITY HD VIDEO**

Up to 1080p60 video with no distracting noise or stutters during pan or zoom. High precision tilt and pan speeds create a seamless viewer experience.

- **NO EXTRA EQUIPMENT NEEDED**

Dual camera design eliminates the need for lanyard or external computer. Fixed focal length, 92 degree camera in base provides a full room reference and the PTZ camera frames and tracks the presenter.

- **EASY SETUP AND CONFIGURATION**

Power over Ethernet (PoE), setup, monitoring and control over a single Ethernet cable for simple installation. HD-SDI for video. One time configuration per room.

- **AUTO OR MANUAL CONTROL**

Can use as a standard PTZ with auto tracking off via joystick, Crestron/Extron or other control device over RS-485/232 or network with standard VISCA commands. Can also be used with 1 Beyond Automate™ VX.



FEATURES

- No Camera Operator Needed
- Available with NDI | HX®
- Default Home Position
- Customizable Tracking Sensitivity, framing
- Up to 8 Blocking Zones

APPLICATIONS

- Lecture Capture
- Distance Learning
- All Hands Presentations
- Corporate Training
- Video Conferencing
- Any Event with a Presenter

SUPPLIED ACCESSORIES

- Power Supply
- Serial Control Breakout
- USB with 1B Cam Manager Software
- Wall Mount

OPTIONAL ACCESSORIES

- Joystick Controller
- Remote Power Kit
- Wall Shelf Mount
- Ceiling "J" Mount

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SPECIFICATIONS

Image Sensor-Tracking Camera	1/2.8" Sony Exmor CMOS, 2.14MP
Image Sensor-Reference Camera	1/3" CMOS, f=3.73mm, Horz: 92°, Vert: 50°
Video Outputs	2x HD-SDI (Tracking and Reference), NDI HX [®] over Ethernet (optional)
Signal Formats (HD)	1080p60/50/30/25, 1080i60/50, 720p60/50
Power	DC12V, <30W PoE+
Operating Temperature	32° - 104° F (0° - 40° C)
Dimensions & Weight	8.9" x 8.3" x 6.4" (225mm x 212mm x 163mm), 4.3lbs (1.96KG)
Color	Gray
Mounts	1/4" Threaded Mount Hole for 90° Wall Mount, "J" Ceiling Mount, or Tripod
Recommended Range	15ft-50ft from subject, 8ft-12ft from ground
Focal Lens & Iris	f=4.7mm - 94mm, F1.6 - F3.5
Zoom	20X Optical, 20X Digital
Field of View	59.5° - 2.9°
Focus System	Auto, Manual, One Push
Minimum Illumination	0.5 Lux (30FPS), 0.1 Lux (60FPS)
Shutter Speed	1/1 - 1/10,000 sec
Gain	Auto, Manual
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Exposure	Auto, Manual, Shutter Priority, Iris Priority
S/N	≥50db
Tilt/Pan Angle	Tilt:30° - 90°, Pan: 170° - 170°
Tilt/Pan Speed	Tilt: 0.1° - 90° /s, Pan: 0.1° - 120° /s
Number of Presets	Up to 256
Serial Control	RS-485, RS-232 (VISCA, PELCO-D)
Streaming Resolution	Up to 1080p30, User-selectable framesize/framerate/bitrate
IP Video Compression	H.265, H.264 (Four streams) (IP Stream Only)
IP Audio Compression	AAC (IP Stream Only)
Streaming	RTSP, RTMP
IP Control Protocol	HTTP, RTP, TCP, UDP, ONVIF
Simultaneous Viewers	Up to 10 Viewers
Ethernet	RJ45, 100Mb