



AutoTracker™ 3 Cameras

High quality PTZ cameras that automatically follow a presenter. No external devices needed.



AutoTracker™ 3

No Camera Operator Needed

Follows person using facial & motion detection. No lanyard or extra hardware needed. Switches subject when person leaves tracking zone and someone else walks in.

Intelligent Visual Algorithm

Tracks person even if he or she turns around or stands still. No impact from other moving objects or people. Auto adjusts the framing based on the subject's height.

Dual Cameras for Built-in Tracking

No external computer needed. Fixed wide angle camera in the base gives full room reference view and PTZ camera shows tracking. Two HD-SDI outputs up to 1080p60.

Smooth and Quiet Operation

No distracting noise or stutters during pan or zoom. High precision tilt and pan speeds create a seamless viewer experience. Adjustable tracking sensitivity settings.

Easy Setup & Configuration

Power over Ethernet (PoE+), setup, monitoring and control over a single Ethernet cable for simple installation. HD-SDI (or optional NDI®) 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.


Perfect For:

- Lecture Capture
- Distance Learning
- Speaking Engagements
- Corporate Training
- Video Conferencing
- Any Event with a Presenter

NDI® Option


Power, control and NDI video stream over a single standard network cable, makes it easy to scale presenter tracking across multiple rooms.

Watch Video and Learn More:

 <http://www.1beyond.com/autotracker>

Contact 1 Beyond:

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AutoTracker™ 3 Camera Technical Specifications

Model	AutoTracker 3	AutoTracker 3 w/ NDI®
HD-SDI Outputs	2 x (Tracking and Reference), 1080p60/50/30/25, 1080i60/50, 720p60/50	
NDI® Outputs	N/A	NDI® HX up to 1080p30
Power	DC12V, < 30W PoE +	
Operating Temp	32°~104°F (0°~40°C)	
Dimensions & Weight	8.9" x 8.3" x 6.4" (225mm x 212mm x163mm), 4.3lbs (1.96KG)	
Color	Gray	
Mounts	1/4" Threaded Mount Hole for 90° Wall Mount, J Ceiling Mount, or Tripod (Camera must be mounted upright)	
Recommended Range	15'-50' from subject, 8'-12' from ground	
Image Sensor	1/2.8" Sony Exmor CMOS, 2.14MP	
Focal Length & Iris	f=4.7mm-94.0mm; F1.6-F3.5	
Zoom	20X Optical, 12X Digital	
Field of View	59.5° - 2.9°	
Focus System	Auto, Manual, One Push	
Min. Illumination	0.5 Lux (30FPS), 0.1 Luc (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; Speed	Tilt: -30°~90°, Pan: -170°~170°; Tilt: 0.1°~90°/s, Pan: 0.1°~120°/s	
Number of Presets	Up to 256	
Control Protocol	Serial: RS-485, RS-232 (VISCA, PELCO-D), Network: HTTP, RTP, TCP, UDP, ONVIF	
Reference Camera	1/3" CMOS, f=3.73mm, Horizontal 92°, Vertical 50°	
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	
Simultaneous Users	Up to 10 Viewers	
Ethernet	RJ45, 100Mb	
Accessories		
Included	Power Supply, Serial Control Breakout Cables, USB stick w/ 1 Beyond Camera Manager Software	
Optional	Joystick Controller, Remote Power Kit, Wall Mount, Ceiling J Mount	

*NDI is a registered trademark of Newtek, Inc.