SimplTrack3

Tracking Made Simple

Built with an advanced dual sensor system, the 1080p 60fps SimplTrack3 provides a high-precision auto-tracking mode and an intuitive auto-framing mode for a wide variety of applications.

20X OPTICAL

Dual Sensor

Auto Tracking Mode

FULL HD 1080p

NDI CERTIFIED

Auto Framing Mode

Coming Soon

HIVE LINKED

FIVE YEAR WARRANTY

Motion & Facial Tracking allows speedy presenter recognition no matter the use case.

Customizable Zones Outline your tracking or framing space. Create preset zones to hold the camera's position or trigger an HTTP command whenever your talent enters them.

Simultaneous Outputs: HDMI, SDI, NDI, USB, IP

Facial Framing centers the camera on single or multiple participants. While the reference lens accounts for participants, the main lens frames them.

Dual Sensor Total Stage Awareness The SimplTrack3 can send a wide-angle video feed from the reference lens and a close-up framing shot from the main lens simultaneously.

484-593-2247 | ptzoptics.com/contact | ptzoptics.com

What's in the Box:

HC20X-SIMPLTRACK3
AC Power Supply
USB B-A Cable
RS232C Cable
Quick Start Guide
IR Remote
2 AA Batteries

Camera & Lens

Optical Lens Video Sensor	**(20X)** Sony 1/2.8 inch, CMOS, Effective pixels: 2.14M
Resolution and Frame Rate	**HDMI, SDI** 1080P60/50/30/25 720P60/50 **USB, IP** 1080P60/50/30/25 720P60/50/30/25 640x360P60/50/30/25720p30, 360p30
Optical Lens Focal Length	**(20X)** f = 4.7mm ~ 94mm, F1.6 ~ F3.5
Display Field of View	Lens: 71.0˚ Reference Lens: 101.0˚
Optical Lens Field of View	Horizontal 3˚ ~ 59.5˚ | Vertical 2˚ ~ 36˚
Reference Lens IP Resolutions	720P30/25 640x360P30/25
Reference Lens Video Sensor	1/2.8"
Reference Lens Focal Length	2.14 Mega Pixel, 2.4mm
Reference Lens Field of View	Horizontal 86˚ | Vertical 52˚
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/1s ~ 1/10000s
Pan Movement Range	±170˚
Tilt Movement Range	-30˚ ~ +90˚
Pan Speed	0.1˚/s ~ 120˚/s
Tilt Speed	0.1˚/s ~ 90˚/s

Presets	255 Presets
Preset Accuracy	0.1°
Image Flip	Supported, Tracking not supported when on
Image Mirror	Supported, Tracking not supported when on
Physical Specifications	
Material	Aluminum, Plastic
Color	Gray
Dimensions (W x D x H)	W 9.6" x D 6.1" x H 6.4" (W 243mm x D 157mm H 163mm)
Weight	5.7 lbs (2.59 kg)
Working Environment	Indoor
Humidity Range	10% - 80%
Operating Temperature	32˚F ~ 104˚F (0˚C ~ 40˚C)
Storage Temperature	-4˚F ~ 140˚F (-20˚C ~ 60˚C)
Connections	
HD Video Output	1x RJ45: 10/100M Adaptive Ethernet Port | NDI HX 2 enabled
	1x HDMI: version 2.0
	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M, standard
	1x USB 3.0 Type B
Audio Interface	1x 3.5mm Line level Input
Communication Interface	1x 8-pin Mini DIN RS232 Input, Max distance: 98.5ft / 30m, Protocol: VISCA / Pelco-D / Pelco-P
	1x 8-pin Mini DIN RS232 Output, Max distance: 98.5ft / 30m, Protocol: VISCA / Pelco-D / Pelco-P
IR	4x IR Addresses, Max distance 30ft / 9m
Power Supply	JEITA type (DC IN 12V) / PoE (802.3af)
Current Consumption	Max 1.0A
NDAA Compliant	

HEVC Advance™ Covered by patents at patentlist.accessadvance.com

Covered by one or more claims of the HEVC patents listed at patentlist.accessadvance.

PTZOptics cameras support HIPAA compliance (§164.310, §164.312(a)-(e), §164.308, §164.530) via RBAC, encrypted video, Privacy Mode, audit logs, and secure deployment for telehealth and patient safety.

Made in China or Laos

Pan Tilt Zoom Cameras

Move 4K

Link 4K

Move SE

Box Cameras

Studio Pro

Studio SE
Coming soon

Studio 4K

Joysticks

SuperJoy

PTJOY

HCJOY

Camera Mounts

Wall Mounts

HCM-1-BK
HCM-1-WH

HCM-2-BK
HCM-2-WH

PT-WM-3-BK
PT-WM-3-WH
For
30X Models

Ceiling Mounts

PT-CM-1-BK
PT-CM-1-WH

PT-CM-3-BK
PT-CM-3-WH
For
30X Models

Pole Mounts

HCM -1C-WH

HCM-2C-WH

PT-PM-3-WH
For
30X Models

Software

Hive Studio

Camera Management Platform

PTZ Control Pro 2

PTZOptics Q-SYS Control Plugin

Click here to see our full list of Integration Partners

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