Studio SE

Precision. Clarity. Power.

The Studio SE is your ultimate content and live-streaming fixed lens camera. Available in 12X and 20X optical zoom, effortlessly engage your audience with built-in NDI® HX3, SDI, and HDMI outputs.

NDI CERTIFIED

12x, 20X Zoom

1080P 60 FPS

MIDI Control

Tally Light

HIVE LINKED

FIVE 5 YEAR WARRANTY

Built In Microphone: Enhance your productions with the convenience of a built-in microphone.

Multiple Control Options: IR remote, Web UI, PTZ Control App, USB port, PTZOptics Joysticks, Camera Management Platform, and PTZOptics Hive-Studio.

Simultaneous Outputs:

- HDMI or SDI + IP + RTMP + NDI
- HDMI or SDI + USB
- HDMI or SDI + IP + USB

1080p HD: Next generation SONY UHD CMOS sensor for shooting high-quality 1080p video at 60 FPS. Adjustable to numerous other resolutions and frame rates.

Simple Network Discovery: Easily discover and connect to a network.

What's in the Box:

- **Studio SE**
- **12V 2A International Power Supply**
- **Lens Cap**
- **USB A-C Cable**
- **Quick Start Guide**
- **IR Remote**
- **2 AAA Batteries**

Camera & Lens

Model **(GY = Gray, WH = White)**	PT12X-STUDIO-SE-GY-G3 PT20X-STUDIO-SE-GY-G3 PT12X-STUDIO-SE-WH-G3 PT20X-STUDIO-SE-WH-G3
Lens	**(12X)** 1/2.8 inch, CMOS **(20X)** 1/2.8 inch, CMOS
Image Sensor	(12X & 20X) 8MP, Effective Pixels: 8.4M
Digital Zoom	Off (3840x2160), 2X (1920x1080), 4X (960x540) 8X (480x270), 16X (256x144)

Resolution and Frame Rate	**HDMI:** 1920x1080p-60/59.94/50/30/29.97/25, 1920x1080i-60/59.94/50, 720-60/ 59.94/ 50/ 30/ 29.97 **SDI:** 1920x1080p-60/59.94/50/30/29.97/25, 1280x720p-60/59.94/50/30/29.97
Optical Lens Focal Length (Zoom)	**(12X)** f = 4.1mm ~ 49.2mm, F1.8 ~ F2.68 **(20X)** f = 4.7mm ~ 94mm, F1.6 ~ F3.6
Optical Lens Field of View **Horizontal & Vertical**	**(12X)** H 6.9˚ ~ 72.5˚ | V 3.9˚ ~ 44.8˚ **(20X)** H 3.5˚ ~ 60.7˚ | V 1.9˚ ~ 34.1˚
Display Field of View	**(12X)** 80.2˚ **(20X)** 67.8˚
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Presets	255 Presets
Preset Accuracy	0.1°
Image Flip	Supported
Image Mirror	Supported
Image Freeze	Supported

Physical Specifications

Material	Aluminum, Plastic
Color	Gray
Dimensions (L x W x H)	5.7" L x 2.99" W x 3.09" H | 145 mm L x 76 mm W x 78.5mm H
Weight	**(12X)** 1.5 lbs | 0.68kg **(20X)** 1.4 lbs | 0.64kg
Working Environment	Indoor
Humidity Range	10% - 80%
Operating Temperature	14˚F ~ 104˚F (-10˚C ~ 40˚C)
Storage Temperature	-40˚F ~ 140˚F (-40˚C ~ 60˚C)

Connections	
HD Video Output	**1x RJ45:** 10/100/1000M Adaptive Ethernet Port | NDI HX2 enabled
	1x HDMI: version 2.0
	1x USB: 3.0 Type C
	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M
Audio Interface	1x 3.5mm Line level Input 1x 3.5mm Line level Output
Video Formats	**USB** • YUY2: Max resolution: 1920x1080p@30 • MJPEG: Max resolution: 1920x1080p@30 • H.264 AVC & SVC: Max resolution: 1920x1080p@30
	H.265: Max resolution: 1920x1080p@30 (RSTP/NDI HX3 only)
Compression Standards	H.264 / H.265 / MJPEG / YUY2 **(H.265 HEVC via RTSP/NDI HX3 only)**
UVC Version Supported	UVC 1.1
Supported Protocols	TCP/IP, UDP, HTTP, RTSP, RTMP/RTMPS, ONVIF, NDI HX2, SRT, Multicast, etc.
IR	4x IR Addresses, Max distance 30ft / 9m
Power Supply	JEITA type (DC IN 12V) / PoE (802.3at)
Current Consumption	Max 2A
Power Consumption	Max. 18W
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.com.

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

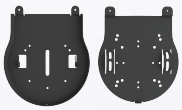
Wall Mounts

HCM-1-BK
HCM-1-WH

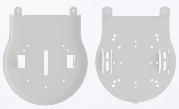
HCM-2-BK
HCM-2-WH

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