

# PTZOptics Studio Pro

**Model Number:  
PT-STUDIOPRO**

An all-in-one content creation and live streaming solution featuring 12X optical zoom/16X digital zoom, 72.5° FoV, and the ability to toggle between portrait and landscape video mode with the flip of a switch. Time-of-flight sensor offers camera quick focus capabilities, while advanced focus settings allow users to achieve the highly-desired bokeh effect. Includes built-in noise canceling microphone array, premium LED panel light, IR Remote, and a cold shoe for accessories. Simultaneous outputs include USB-C | HDMI | NDI®|HX3 | RTSP | RTMP supporting 1080p60fps | USB Power, PoE & Universal Power Supply (A, C, G, I) | Gray.

<http://ptzoptics.com/studiopro>

## Key Features:

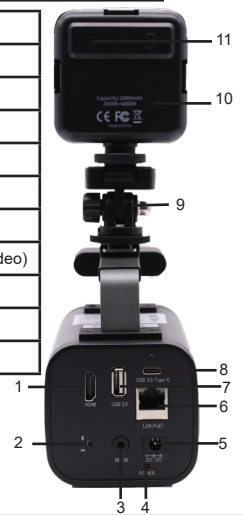
- Plug and Play USB-C Connection
- Precise Focus
- 1080P HD Image
- NDI®|HX3
- HDMI 1.4b
- 72.5° Wide Angle Lens
- Standard Cold Shoe mount for A/V accessories  
Threaded 1/4-20 connection for A/V accessories
- 3.5mm audio input embeds audio into HDMI, USB-A, and IP video streams
- Supports Portrait & Landscape Mode
- 3 Power Supply options: USB 5V, DC 12V and PoE



## What's in the Box

- Camera
- Power Supply
- IR Remote
- 2 AAA Batteries
- USB-A to USB-C Screw Locking Cable
- LED Panel Light
- Cold Shoe Tilt Mount

1.	HDMI Interface
2.	Horizontal/Vertical Switch
3.	MIC In
4.	Power Indicator
5.	DC 12V Power
6.	LAN (PoE)
7.	USB-A
8.	USB-C 2.0 (Doesn't supply Video)
9.	Cold Shoe Tilt Mount
10.	LED Panel Light
11.	USB-C Port



## Image Sensor and Lens

Video Sensor	1/2.8 inch, CMOS Sensor. Effective pixels: 2.07M
Resolution	1080P@60 / 50 / 30, 1080I@60 / 50, 720P@60 / 50
Lens	12X Optical Zoom, 16X Digital Zoom
Horizontal Field of View	6.9° ~ 72.5°
Vertical Field of View	3.9° ~ 44.8°
Min. Illumination	0.5 Lux
Scanning Mode	Progressive
Horizontal & Vertical Flip / Image Freeze	Supported
LED Panel Light	Color adjustment with warm/natural light and dimming range

## Electronic Index

Input Voltage	5V (USB Power), DC 12v, PoE(802.3af)
Power Consumption	6W
USB-A	Type A, Only supplies power to 3rd Party Devices
Working Environment	Indoor

## Physical Specifications

Material	Plastic
Dimensions	L-147 x H-113 x D-77 (mm)
Weight	1.54 lbs
Operating Temp.	32 ° F ~ 104 ° F
Storage Temp.	-40 ° F ~ 140 ° F








## USB Features

Color System	H.264 /HEVC/ H.265* / MJPEG / YUY2
Video Format	YUY2 (ISOC), H.264 SVC, MJPEG: Max. 1080p@60fps
USB Video Communication Protocol	UVC 1.5
Video Bit Rate	32 ~ 102400
Audio	AAC, 96 Kbps, 128 Kbps, 256 Kbps
Protocols	TCP/IP, HTTP, RTMP, ONVIF, DHCP, RTSP, NDI® HX3, Multicast, SRT







\* HEVC/H.265 is a registered trademark of Access Advance®, LLC

# PTZOPTICS™






## Product Line

	PT12X-SE-GY-G3 PT20X-SE-GY-G3 PT30X-SE-GY-G3		PT12X-SE-WH-G3 PT20X-SE-WH-G3 PT30X-SE-WH-G3	1080p Image, 12X, 20X, or 30X optical zoom, HDMI, 3G-SDI, USB3-C, IP Streaming
	PT12X-4K-GY-G3 PT20X-4K-GY-G3 PT30X-4K-GY-G3		PT12X-4K-WH-G3 PT20X-4K-WH-G3 PT30X-4K-WH-G3	4K PTZ Camera, 12X, 20X, or 30X optical zoom, NDI® HX 3, HDMI, 3G-SDI, USB2-A, IP Streaming
	PT12X-LINK-4K-GY PT20X-LINK-4K-GY PT30X-LINK-4K-GY		PT12X-LINK-4K-WH PT20X-LINK-4K-WH PT30X-LINK-4K-WH	4K PTZ Camera, Dante™ AV-H ready, 12X, 20X, or 30X optical zoom, 3G-SDI, USB2-A, IP Streaming
	PT-STUDIOPRO			1080p Image, NDI® HX 3, 12X optical zoom & 16X digital zoom, Includes LED Panel Light

## Accessories

	HC-JOY-G4	Serial VISCA (RS232, RS485, Pelco-D, Pelco-P)
	PT-JOY-G4	VISCA over IP (PTZOptics & Sony) or Serial VISCA (RS232, RS485, Pelco-D, Pelco-P)
	PT-SUPERJOY-G1	VISCA over IP (PTZOptics & Sony), NDI®, Serial VISCA (RS232, RS485, Pelco-D, Pelco-P)
	IR Remote	Wirelessly control your camera with this included IR remote.
	Camera Management Platform	Control your PTZOptics cameras through one convenient, free desktop application
	PTZ Control Pro 2	The free PTZControl Pro 2 app offers easy control of PTZOptics cameras from any iOS device.

## Mounts

	HCM-1-BK		HCM-1-WH	Small Universal Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-2-BK		HCM-2-WH	Large Universal Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-1C-WH			Small Open Base Ceiling Mount, mounts to 1" NPT Pipe
	HCM-2C-WH			Large Open Base Ceiling Mount, mounts to 1" NPT pipe
	PT-WM-3-BK		PT-WM-3-WH	Large Wall Mount for Move 4K 30X, mounts directly to wall or box with supplied accessories
	PT-CM-1-BK		PT-CM-1-WH	Small Surface Ceiling Mount, mounts directly to ceiling or box with supplied accessories
	PT-CM-3-BK		PT-CM-3-WH	Large Surface Ceiling Mount for Move 4K 30X, mounts directly to ceiling or box with supplied accessories