

# PTZ Optics 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®|HX| 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®|HX
- 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-C, 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

1. HDMI Interface
2. Horizontal/Vertical Switch
3. MIC In
4. Power Indicator
5. DC 12V Power
6. LAN (PoE)
7. USB-C
8. USB 2.0 (Doesn't Supply Video)
9. LED Panel Light



## 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 / 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® HX, Multicast, SRT