

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®|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 |