

PTZOptics Studio Pro

Technical Specifications

Technical Specs

Model Information

Feature	Value
Official SKU	`PT-STUDIOPRO`
Model Name	`Studio Pro`


8
9
Capacity:2000mAh
3000K~6000K
Made in China
10
12



Studio Pro Connection List

1. HDMI Output
2. USB 2.0 LED Light Connection
3. USB C 3.0 Output
4. Horizontal & Vertical Image Flip
5. Mic Input 3.5mm
6. LAN NDI

7. DC 12V Power
8. LED USB C Port
9. Color Temp Dial
10. Dimmer Dial
11. LED Power Button
12. Cold Shoe Tilt Mount

Technical Specifications

Feature	Specification
Resolution & Frame Rate HDMI	**1920x1080p** - 60 / 50 / 30 **1280x720p** - 60 / 50
Lens	1/2.8”, CMOS
Image Sensor	2.13MP, Effective Pixels: 2.07MP

Feature	Specification
Optical Lens Focal Length (Zoom)	**(12X)** f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6
Optical Lens Field of View Horizontal & Vertical	H 6.9° ~ 72.5°, V 3.9° ~ 44.8°
Display Field of View	80.2°
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Presets	255 Presets
Preset Accuracy	0.1º
Image Flip, Mirror, and Freeze	Supported
Scanning Mode	Progressive

Video Output Reference

Feature	HDMI
Maximum Resolution	**1080p @ 60fps** (1920 × 1080)
Connector	HDMI 1.4b
Signal Type	Uncompressed Digital
Embedded Audio	✅ Yes — embeds audio from the 3.5mm input
Typical Cable Length	~49 ft (15 m) without extenders

Physical Specifications

Feature	Specification
Material	Aluminum, Plastic
Color	Gray
Dimensions(L x W x H)	5.55” L x 3.03” W x 4.21” H, 141mm L x 77mm W x 107mm H
Weight	1.74 lbs 0.70 kg
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

Feature	Specification
RJ45	10/100/1000M Adaptive Ethernet Port; NDI HX3 enabled
HDMI	Version 1.4b
USB	3.0 Type C
UVC Version Supported:	UVC 1.1
USB Video Output	YUY2 YUY2: Max resolution: 1920x1080p@30
	MJPEG: Max resolution: 1920x1080p@60
	H.264 AVC & SVC: Max resolution: 1920x1080p@30

Feature	Specification
	H.265: Max resolution: 1920x1080p@30 (RSTP/NDI HX3 only)
Audio Interface	3.5mm Line level Input
IR	4x IR Addresses, Max distance 30ft / 9m
Power Supply	JEITA type (DC IN 12V) / PoE (802.3af)
Current Consumption	Max 1.0A

IP Video Specifications

Feature	Specification
Video Compression	H.264 / H.265 / MJPEG / YUY2 (H265 HEVC via RTSP/NDI HX3 only)
First Video Stream Resolutions	1920x1080, 1280x720, 640x480, 640x360
Second Video Stream Resolutions	1280x720, 1024x576, 720x576(50Hz support), 720x480(60Hz support), 720x408, 640x360, 480x270, 320x240, 320x180
Video Bitrate	**First Stream:** 32kbps ~ 81920kbps, **Second Stream:** 32kbps ~ 20480kbps
Bitrate Type	Constant Bit Rate (CBR), Variable Bit Rate (VBR)
Frame Rate	50Hz: 1 ~ 50 fps. 60Hz: 1 ~ 60 fps
Audio Compression	AAC
Audio Bit Rate	96kbps, 128kbps

Feature	Specification
Supported Protocols	TCP/IP, UDP, HTTP, RTSP, RTMP/RTMPS, ONVIF, SRT,Multicast, etc.

Packing List

- Studio Pro Camera
- AC Power Supply
- USB A-C Cable
- Quick Start Guide
- IR Remote
- LED Panel Light
- 2 AAA Batteries
- Lens Cap
- Cold Shoe Tilt Mount

Compliance

The Studio Pro is an NDAA Compliant camera.

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

