

Precision. Clarity. Power.

The Studio 4K is your ultimate content and live-streaming fixed lens camera. Available in 12X and 20X optical zoom with up to 16X digital zoom, effortlessly engage your audience with built-in NDI® HX2, SDI, and HDMI outputs.



12X, 20X
Zoom



60 FPS



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

4K Ultra HD: Next generation SONY UHD CMOS sensor for shooting high-quality 4K 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 4K
- 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-4K-GY-G3 PT20X-STUDIO-4K-GY-G3 PT12X-STUDIO-4K-WH-G3 PT20X-STUDIO-4K-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	16X

Resolution and Frame Rate	HDMI: 3840x2160p-60/59.94/50/30/29.97/25, 1920x1080p-60/59.94/50/30/29.97/25, 1920x1080i-60/59.94/50, 1280x720p-60/59.94 SDI: 1920x1080p-60/59.94/50/30/29.97/25, 1920x1080i-60/59.94/50, 1280x720p-60/59.94/50
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	(12X) H 6.9° ~ 72.5° V 3.9° ~ 44.8°
Horizontal & Vertical	(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 <ul style="list-style-type: none">• YUY2: Max resolution: 1920x1080p@30• MJPEG: Max resolution: 3840x2160p@30• H.264 AVC & SVC: Max resolution: 3840x2160p@30
	H.265: Max resolution: 3840x2160p@30 (RTSP/NDI HX2 only)
Compression Standards	H.264 / H.265 / MJPEG / YUY2 (H.265 HEVC via RTSP/NDI HX2 only)
UVC Version Supported	UVC 1.1 ~ 1.5
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

NDA Compliant



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

Pan Tilt Zoom Cameras



[Move 4K](#)



[Link 4K](#)



[Move SE](#)

Studio Cams

Joysticks



[Studio Pro](#)



[Studio 4K](#)



[SuperJoy](#)



[PTJOY](#)



[HCJOY](#)

Camera Mounts

Wall Mounts



[HCM-1-BK](#)

[HCM-2-BK](#)

[PT-WM-3-BK](#)

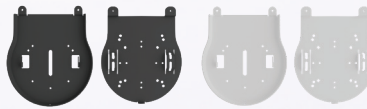
[HCM-1-WH](#)

[HCM-2-WH](#)

[PT-WM-3-WH](#)

For
30X Models

Ceiling Mounts



[PT-CM-1-BK](#)

[PT-CM-3-BK](#)

[PT-CM-1-WH](#)

[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
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Plugin](#)

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