

**Precision. Clarity. Power.**

Experience the cutting-edge prowess of PTZOptics Move 4K, boasting 4K 60fps auto-tracking, simultaneous outputs, and versatile control options. Seamlessly integrate with leading video production software like OBS, vMix, and Wirecast for an unparalleled live streaming experience.



12x **30x**  
20x  
Models



**Auto-Tracking & Auto-Framing:** Enable auto-tracking or auto-framing, perfect for education, conferences, live broadcasts, and more.

**Multiple Control Options:** IR remote, network connection, RS-232, RS-485, Web UI, PTZ Control App, USB port, and Camera Management Platform.

**Simultaneous Outputs:** NDI, USB, & IP with either SDI or HDMI

**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.

**Built-in Tally Light:** Indicates if the camera is live or in preview mode.



### What's in the Box:

Move 4K Camera  
 AC Power Supply  
 USB A-A Cable

RS232C Cable  
 Quick Start Guide  
 IR Remote

2 AA Batteries

### Camera & Lens

<b>Models (GY = Gray, WH = White)</b>	PT12X-4K-GY-G3 PT12X-4K-WH-G3	PT20X-4K-GY-G3 PT20X-4K-WH-G3	PT30X-4K-GY-G3 PT30X-4K-WH-G3
<b>Lens</b>	<b>(12X)</b> Sony 1/2.5 inch, CMOS <b>(20X)</b> Sony 1/2.8 inch, CMOS <b>(30X)</b> Sony 1/1.8 inch, CMOS		
<b>Image Sensor</b>	(12X) 8.51MP, Effective Pixels: 8.29 (20X & 30X) 8.42MP, Effective Pixels: 8.29		
<b>Optical Lens Focal Length (Zoom)</b>	<b>(12X)</b> f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6		
	<b>(20X)</b> f = 6.25mm ~ 125mm, F1.58 ~ F3.95		
	<b>(30X)</b> f = 7.1mm ~ 210mm, F1.61 ~ F5.19		
<b>Maximum Tracking Distance</b>	<b>(12X)</b> 200' <b>(20X)</b> 250' <b>(30X)</b> 300'		

<b>Optical Lens Field of View</b>	<b>(12X)</b> H 6.9° ~ 72.5°   V 3.9° ~ 44.8°
<b>Horizontal &amp; Vertical</b>	<b>(20X)</b> H 3.5° ~ 60.7°   V 1.9° ~ 34.1°
	<b>(30X)</b> H 2.5° ~ 59.2°   V 1.4° ~ 34.6°
<b>Display Field of View</b>	<b>(12X)</b> 82.8
	<b>(20X)</b> 66.6
	<b>(30X)</b> 66.7
<b>Resolution and Frame Rate</b>	<b>HDMI/IP/NDI/USB:</b> 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 1024x576, 720x480, 720x408, 640x480, 640x360 -60/59.94/50/30/29.97/25
	<b>SDI:</b> 1920x1080p-60/59.94/50/30/29.97/25 1920x1080i-60/59.94/50 1280x720p-60/59.94 1024x576, 720x480, 720x408, 640x480, 640x360 -60/59.94/50/30/29.97/25
<b>Min Lux</b>	0.5 Lux @ (F1.8, AGC ON)
<b>Shutter</b>	1/30s ~ 1/10000s
<b>Pan Movement Range</b>	±170°
<b>Tilt Movement Range</b>	-30° ~ +90°
<b>Pan Speed</b>	0.7°/s ~ 100°/s
<b>Tilt Speed</b>	0.7°/s ~ 69.9°/s
<b>Presets</b>	255 Presets
<b>Preset Accuracy</b>	0.1°
<b>Image Flip, Mirror, and Freeze</b>	Supported

## Physical Specifications

<b>Material</b>	Aluminum, Plastic
<b>Color</b>	Gray, White

<b>Dimensions (W x D x H)</b>	<b>(12X)</b> 5.57" W x 6.65" D x 7.91" H / 141.5 W x 169 D x 201 H mm
	<b>(20X)</b> 5.57" W x 6.65" D x 7.91" H / 141.5 W x 169 D x 201 H mm
	<b>(30X)</b> 6.69" W x 7.12" D x 8.98" H / 170 W x 181 D x 228 H mm
<b>Weight</b>	<b>(12X)</b> 3.25 lbs (1.47 kg)
	<b>(20X)</b> 3.25 lbs (1.47 kg)
	<b>(30X)</b> 4.41lbs (2.0 kg)
<b>Working Environment</b>	Indoor
<b>Humidity Range</b>	10% - 80%
<b>Operating Temperature</b>	14°F ~ 104°F (-10°C ~ 40°C )
<b>Storage Temperature</b>	-40°F ~ 140°F (-40°C ~ 60°C)
<b>Connections</b>	
<b>HD Video Output</b>	1x RJ45: 10/100/1000M Adaptive Ethernet Port   NDI HX enabled
	1x HDMI: version 2.0
	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M, standard
	1x USB 2.0 Type A
<b>Compression Standards</b>	YUY2 / MJPEG / H.264 / H.265
<b>Audio Interface</b>	1x 3.5mm Line level Input
<b>Communication Interface</b>	1x 8-pin Mini DIN RS232 Input, Max distance: 98.5ft / 30m, Protocol: VISCA / Pelco-D / Pelco-P
	1x 8-pin Mini DIN RS232 Output, Max distance: 98.5ft / 30m, Protocol: VISCA / Pelco-D / Pelco-P
	1x 2-pin Phoenix port RS485 Input / Output, Max distance: 3,937ft / 1200m, Protocol: VISCA / Pelco-D / Pelco-P
<b>IR</b>	4x IR Addresses, Max distance 30ft / 9m
<b>Power Supply</b>	JEITA type (DC IN 12V) / PoE (802.3af)
<b>Current Consumption</b>	Max 1.0A

NDAA Compliant

# Pan Tilt Zoom Cameras



[Move 4K](#)



[Link 4K](#)



[Move SE](#)

## Box Cameras



[Studio Pro](#)



[SuperJoy](#)



[PTJOY](#)



[HCJOY](#)

## Camera Mounts

### Wall Mounts



[HCM-1-BK](#)

[HCM-2-BK](#)

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

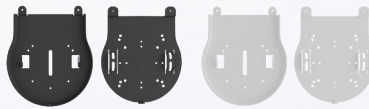
[HCM-1-WH](#)

[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  
Platform](#)



[PTZ  
Control Pro 2](#)