

## 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  | RS232C Cable      | 2 AA Batteries |
| AC Power Supply | Quick Start Guide |                |
| USB A-A Cable   | IR Remote         |                |

| Camera & Lens                    |                                                                                                                |                                  |                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Models (GY = Gray, WH = White)   | PT12X-4K-GY-G3<br>PT12X-4K-WH-G3                                                                               | PT20X-4K-GY-G3<br>PT20X-4K-WH-G3 | PT30X-4K-GY-G3<br>PT30X-4K-WH-G3 |
| Lens                             | <b>(12X)</b> Sony 1/2.5 inch, CMOS<br><b>(20X)</b> Sony 1/2.8 inch, CMOS<br><b>(30X)</b> Sony 1/1.8 inch, CMOS |                                  |                                  |
| Image Sensor                     | (12X) 8.51MP, Effective Pixels: 8.29<br>(20X & 30X) 8.42MP, Effective Pixels: 8.29                             |                                  |                                  |
| Optical Lens Focal Length (Zoom) | <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                                                                  |                                  |                                  |
| Maximum Tracking Distance        | <b>(12X)</b> 200'<br><b>(20X)</b> 250'<br><b>(30X)</b> 300'                                                    |                                  |                                  |

|                                                                           |                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Optical Lens Field of View</b><br><br><b>Horizontal &amp; Vertical</b> | <b>(12X)</b> H 6.9° ~ 72.5°   V 3.9° ~ 44.8°                                                                                                                                                                                    |
|                                                                           | <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><br>3840x2160p-60/59.94/50/30/29.97/25<br>1920x1080p-60/59.94/50/30/29.97/25<br>1920x1080i-60/59.94/50<br>1280x720p-60/59.94<br>1024x576, 720x480, 720x408, 640x480, 640x360<br>-60/59.94/50/30/29.97/25 |
|                                                                           | <b>SDI:</b><br>1920x1080p-60/59.94/50/30/29.97/25<br>1920x1080i-60/59.94/50<br>1280x720p-60/59.94<br>1024x576, 720x480, 720x408, 640x480, 640x360<br>-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<br/>(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                                                                                                       |
| NDA 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](#)

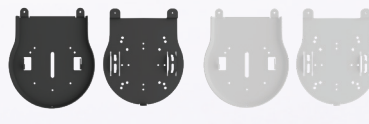
[HCM-1-WH](#)

[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](#)



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Management  
Platform](#)



[PTZ  
Control Pro 2](#)

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