

Precision. Clarity. Power.

Experience the cutting-edge prowess of PTZOptics Move SE, boasting 1080 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: Easy to use auto-tracking, 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: HDMI, SDI, NDI, USB, IP

1080p Full HD: Next generation SONY UHD CMOS sensor for shooting high-quality 1080p 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:

Move SE Camera
AC Power Supply
USB A-C Cable

RS232C Cable
Quick Start Guide
IR Remote

2 AA Batteries
Lens Cap

Camera & Lens

| | | | |
|---|---|----------------------------------|----------------------------------|
| Models (GY = Gray, WH = White) | PT12X-SE-GY-G3 PT12X-SE-WH-G3 | PT20X-SE-GY-G3 PT20X-SE-WH-G3 | PT30X-SE-GY-G3 PT30X-SE-WH-G3 |
| Lens | <p>(12X) Sony 1/2.8 inch, CMOS</p> <p>(20X) Sony 1/2.8 inch, CMOS</p> <p>(30X) Sony 1/2.8 inch, CMOS</p> | | |
| Image Sensor | 2.13MP, Effective Pixels: 2.07MP | | |
| Resolution and Frame Rate | <p>HDMI/SDI/IP/USB Type C:</p> <p>1920x1080p-60/59.94/50/30/29.97/25</p> <p>1280x720p-60/50</p> | | |
| Optical Lens Focal Length (Zoom) | <p>(12X) f = 4.1mm ~ 49.2mm, F1.8 ~ F2.68</p> <p>(20X) f = 4.42mm ~ 88.5mm, F1.8 ~ F2.8</p> <p>(30X) f = 4.42mm ~ 132.6mm, F1.8 ~ F2.8</p> | | |
| Maximum Tracking Distance | <p>(12X) 60ft (20m)</p> <p>(20X) 100ft (33m)</p> <p>(30X) 120ft (40m)</p> | | |



VIDEOTOYBOX.COM

| | |
|---------------------------------------|---|
| Field of View | (12X) H 6.9° ~ 72.5° V 3.9° ~ 44.8° |
| | (20X) H 3.5° ~ 60.7° V 1.9° ~ 34.1° |
| | (30X) H 2.3° ~ 60.7° V 1.28° ~ 34.1° |
| Display Field of View | (12X) 85.2 |
| | (20X) 69.6 |
| | (30X) 69.6 |
| Min Lux | 0.5 Lux @ (F1.8, AGC ON) |
| Shutter | 1/30s ~ 1/10000s |
| Pan Movement Range | ±170° |
| Tilt Movement Range | -30° ~ +90° |
| Pan Speed | 0.7°/s ~ 100°/s |
| Tilt Speed | 0.7°/s ~ 69.9°/s |
| Presets | 255 Presets |
| Preset Accuracy | 0.1° |
| Image Flip, Mirror, and Freeze | Supported |
| UVC Protocol | 1.1 |

Physical Specifications

| | |
|-----------------------------------|---|
| Material | Aluminum, Plastic |
| Color | Gray, White |
| Dimensions (W x D x H) | (12X) 5.6" W x 6.7" D x 7.88" H / 142 W x 169 D x 189 H mm |
| | (20X) 5.6" W x 6.7" D x 7.88" H / 142 W x 169 D x 189 H mm |
| | (30X) 5.6" W x 6.7" D x 7.88" H / 142 W x 169 D x 189 H mm |
| Weight | (12X) 3.25 lbs (1.47 kg) |
| | (20X) 3.0lbs (1.36 kg) |
| | (30X) 3.0lbs (1.36 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 | |
| HD Video Output | 1x RJ45: 10/100/1000M Adaptive Ethernet Port NDI HX3 enabled |
| | 1x HDMI: version 1.3 |
| | 1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M, standard |
| | 1x USB 3.0 Type C |
| Compression Standards | H.264, H.265, MJPEG |
| Audio Interface | 1x 3.5mm Line level Input |
| Communication Interface | 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 |
| IR | 4x IR Addresses, Max distance 30ft / 9m |
| Power Supply | JEITA type (DC IN 12V) / PoE (802.3af) |
| Current Consumption | Max 2.0A |
| NDA Compliant | |



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

PTZOptics cameras support HIPAA compliance (§164.310, §164.312(a)-(e), §164.308, §164.530) via RBAC, encrypted video, Privacy Mode, audit logs, and secure deployment for telehealth and patient safety.

Made in China or Laos



VIDEOTOYBOX.COM

v3.0 2025-05-08