

## PTZOptics Move SE

The PTZOptics Move SE offers built-in auto-tracking in 1080p at 60fps. It is able to utilize multiple video outputs simultaneously, offering flexible control options and easy upgradeability to add NDI. The Move SE seamlessly fits into any live streaming workflow.

### Key Features:

- 12X, 20X, & 30X Optical Zoom Models
- High performance in low-light scenarios with Wide Dynamic Range
- 1080p HD resolutions up to 60 FPS
- 2D & 3D noise reduction with our latest low-noise CMOS sensor
- Serial (RS232 & RS485) & IP control (LAN/WAN)
- H.264, H.265\*, & MJPEG video compression when IP streaming
- USB 3.0 Type C, HDMI 1.4 / 3G-SDI
- PoE (Power over Ethernet) or 12VDC power supply
- Auto-tracking
- NDI Upgradable
- Photobooth capable
- 5-year warranty



### 12X, 20X, & 30X Models

PT12X-SE-GY-G3  
PT12X-SE-WH-G3  
PT20X-SE-GY-G3  
PT20X-SE-WH-G3

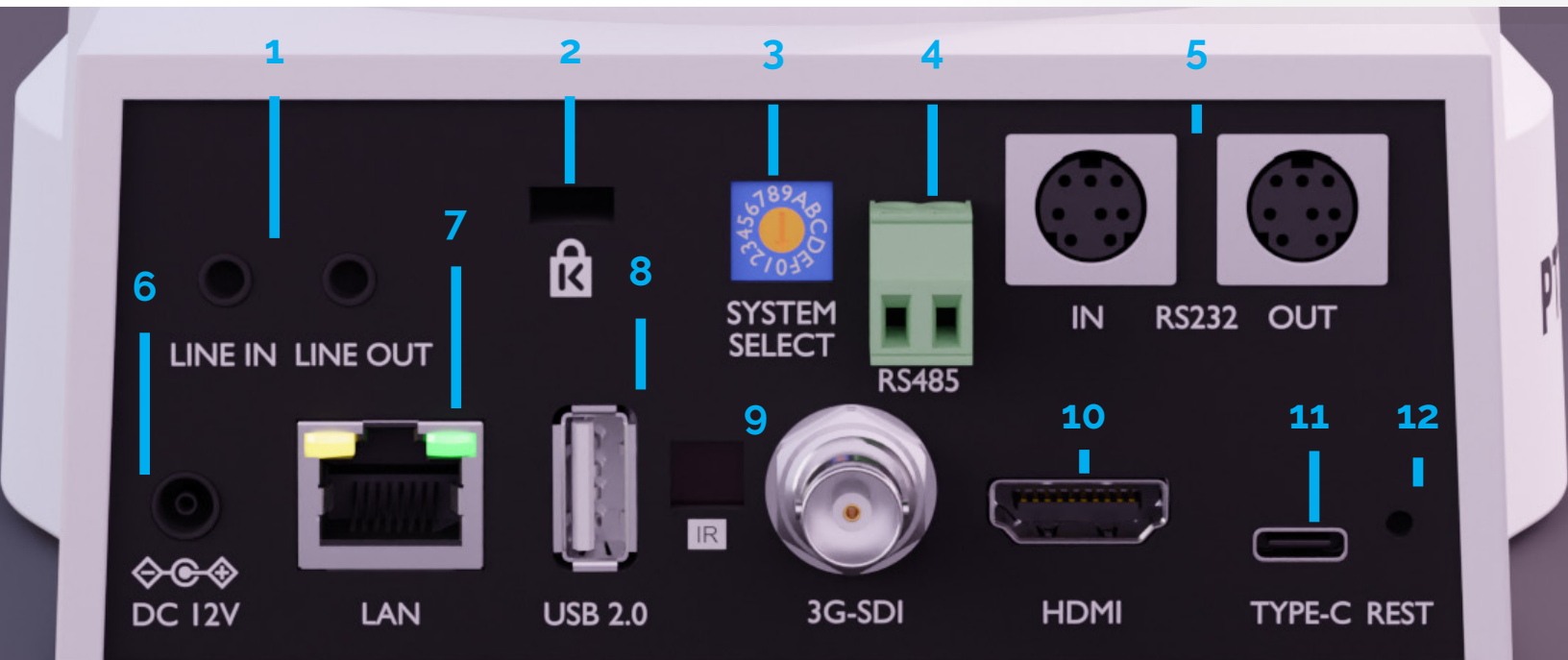
PT30X-SE-GY-G3  
PT30X-SE-WH-G3

### Connections:

- |                    |                  |                    |
|--------------------|------------------|--------------------|
| 1. Line In/Out     | 5. RS-232 In/Out | 9. 3G-SDI          |
| 2. Kensington Lock | 6. DC 12V        | 10. HDMI 1.4       |
| 3. Resolution Dial | 7. LAN           | 11. USB 3.0 Type C |
| 4. RS-485          | 8. Service Port  | 12. Restore        |

### What's in the Box:

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



## Image Sensor & Lens

Video Sensor	<b>(12X)</b> Sony 1/2.8 inch, CMOS, Effective pixels: 2.07M
	<b>(20X)</b> Sony 1/2.8 inch, CMOS, Effective pixels: 2.07M
	<b>(30X)</b> Sony 1/2.8 inch, CMOS, Effective pixels: 2.07M
Resolution and Frame Rate	<b>HDMI/SDI</b> 1920x1080p-60/59.94/50/30/29.97/25 1280x720p-60/50
Lens Zoom	<b>(12X)</b> f = 4.1mm ~ 49.2mm, F1.8 ~ F2.68
	<b>(20X)</b> f = 4.42mm ~ 88.5mm, F1.8 ~ F2.8
	<b>(30X)</b> f = 4.42mm ~ 132.6mm, F1.8 ~ F2.8
Field of View	<b>(12X)</b> H 6.9° ~ 72.5°   V 3.9° ~ 44.8°
	<b>(20X)</b> H 3.4° ~ 60.7°   V 1.9° ~ 34.1°
	<b>(30X)</b> H 2.3° ~ 60.7°   V 1.28° ~ 34.1°
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s

## Pan / Tilt Movement

Pan Movement	±170°
Pan Speed	1.7°/s ~ 100°/s
Tilt Movement	-30° ~ +90°
Tilt Speed	1.7°/s ~ 69.9°/s
Presets	255 Presets
Preset Accuracy	0.1°
Image Flip, Mirror and Freeze	Supported

## Electrical Index

Power Supply	DC 12V / PoE (802.3af)
Current Consumption	2A (Max)

## Physical Specifications

Material	Aluminum, Plastic
Color	Gray, White
Dimensions (W x D x H)	<p><b>(12X)</b> 5.6" W x 6.7" D x 6.5" H (7.88" H max height while tilted up)/ 142mm W x 169mm D x 164 H mm (189mm H max height while tilted up)</p> <p><b>(20X)</b> 5.6" W x 6.7" D x 6.5" H (7.88" H max height while tilted up) / 142 W x 169mm D x 164 H mm (189mm H max height while tilted up)</p> <p><b>(30X)</b> 5.6" W x 6.7" D x 6.5" H (189mm H max height while tilted up)/ 142mm W x 169mm D x 164 H mm (189mm H max height while tilted up)</p>
Weight	<p><b>(12X)</b> 3.25 lbs (1.47 kg)</p> <p><b>(20X)</b> 3.0 lbs (1.36 kg)</p> <p><b>(30X)</b> 3.0lbs (1.36 kg)</p>
Working Environment	Indoor
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)

## Rear Board Connectors

HD Video Output	1x RJ45: 10/100M Adaptive Ethernet Port
	1x HDMI: version 1.4
	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M, standard,
	1x USB 3.0 Type C
LINE IN/OUT Interface	1x 3.5mm Line level Input & Output
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 Jack	JEITA type (DC IN 12V)










484-593-2247 | [ptzoptics.com/contact](http://ptzoptics.com/contact) | [ptzoptics.com](http://ptzoptics.com)









Covered by one or more claims of the HEVC patents listed at [patentlist.accessadvance.com](http://patentlist.accessadvance.com).

## Product Line

	PT12X-SE-GY-G3 PT20X-SE-GY-G3 PT30X-SE-GY-G3		PT12X-SE-WH-G3 PT20X-SE-WH-G3 PT30X-SE-WH-G3	1080p PTZ Camera, 12X, 20X, or 30X optical zoom, HDMI, 3G-SDI, USB3-C, IP Streaming
	PT12X-4K-GY-G3 PT20X-4K-GY-G3 PT30X-4K-GY-G3		PT12X-4K-WH-G3 PT20X-4K-WH-G3 PT30X-4K-WH-G3	4K PTZ Camera, 12X, 20X, or 30X optical zoom, NDI® HX 3, HDMI, 3G-SDI, USB2-A, IP Streaming
	PT12X-LINK-4K-GY PT20X-LINK-4K-GY PT30X-LINK-4K-GY		PT12X-LINK-4K-WH PT20X-LINK-4K-WH PT30X-LINK-4K-WH	4K PTZ Camera, 12X, 20X, or 30X optical zoom, Dante™ AV-H ready, 3G-SDI, USB2-A, IP Streaming
	PT-STUDIOPRO			1080p Camera, 12X optical zoom & 16X digital zoom, NDI® HX 3, Includes LED Panel Light

## Accessories

	HC-JOY-G4	Serial VISCA (RS232, RS485, Pelco-D, Pelco-P)
	PT-JOY-G4	VISCA over IP (PTZOptics & Sony) or Serial VISCA (RS232, RS485, Pelco-D, Pelco-P)
	PT-SUPERJOY-G1	VISCA over IP (PTZOptics & Sony), NDI®, Serial VISCA (RS232, RS485, Pelco-D, Pelco-P)
	IR Remote	Wirelessly control your camera with this included IR remote.
	Camera Management Platform	Control your PTZOptics cameras through one convenient, free desktop application
	PTZ Control Pro 2	The free PTZControl Pro 2 app offers easy control of PTZOptics cameras from any iOS device.

## Mounts

	HCM-1-BK		HCM-1-WH	Small Universal Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-2-BK		HCM-2-WH	Large Universal Wall Mount, mounts directly to wall or box with supplied hardware
	HCM-1C-WH			Small Open Base Ceiling Mount, mounts to 1" NPT Pipe
	HCM-2C-WH			Large Open Base Ceiling Mount, mounts to 1" NPT pipe
	PT-WM-3-BK		PT-WM-3-WH	Large Wall Mount for Move 4K 30X & Link 4K 30X, mounts directly to wall or box with supplied accessories
	PT-CM-1-BK		PT-CM-1-WH	Small Surface Ceiling Mount, mounts directly to ceiling or box w / supplied accessories
	PT-CM-3-BK		PT-CM-3-WH	Large Surface Ceiling Mount for Move 4K 30X & Link 4K 30X, mounts directly to ceiling or box with supplied accessories
	PT-PM-3-WH			Large Open Base Ceiling Mount used for the Move 4K 30X & Link 4K 30X, mounts to 1" NPT pipe