

PTZOptics Move SE

The PTZOptics Move SE offers built-in auto-tracking at resolutions up to 1080p at 60fps. Available outputs include SRT, RTSP, RTMP, SDI, HDMI and USB for unrivaled performance and versatility. Compatible with most video production software, including OBS, vMix, Wirecast and more.

Model Numbers:

- PT12X-SE-WH-G3
- PT12X-SE-GY-G3
- PT20X-SE-WH-G3
- PT20X-SE-GY-G3
- PT30X-SE-WH-G3
- PT30X-SE-GY-G3

<http://ptzoptics.com/move-se>

Key Features:

- Video resolutions up to 1080p 60 FPS
- Built-in auto-tracking capabilities
- 12X, 20X or 30X optical zoom lense options
- High performance in low light scenarios with Wide Dynamic Range
- 2D & 3D noise reduction with our latest "low noise CMOS sensor"
- Serial (RS232 & RS485) & IP control (LAN/WAN)
- H.264, HEVC/H.265*, & MJPEG video compression when IP streaming
- Simultaneous USB 2.0, HDMI 2.0, 3G-SDI streaming (SRT, RTSP, RTMP) (HDMI & SDI are not simultaneous)
- PoE (Power over Ethernet) or 12VDC power supply
- Photobooth capable
- 5-year warranty



What's in the Box:

- Camera
- AC Power Supply
- USB C-A Cable
- RS232 Cable
- Quick Start Guide
- IR Remote
- 2 AA Batteries



- | | | |
|--------------------|----------------------|----------------------|
| 1. DC 12V | 6. RS485 Port | 11. HDMI |
| 2. Line In | 7. RS232 In | 12. 3G SDI |
| 3. Line Out | 8. RS232 Out | 13. IR Sensor |
| 4. Kensington Lock | 9. Restore | 14. USB 2.0 (Type A) |
| 5. Resolution Dial | 10. USB 3.0 (Type C) | 15. LAN / Ethernet |

Image Sensor & Lens	
Video Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Resolution and Frame Rate	1080p-60/50/30/25/59.94/29.97, 1080i-60/50/59.94, 720p-60/50/59.94
Digital Zoom	Off (1920x1080), 2X (960x540), 3X (640x360), 4X, (480x270), 8X (240x135), 16X (128x72)
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Lens	(12X) f4.1mm ~ 49.2mm, F1.8 ~ F2.68 (20X) f4.42mm ~ 88.5mm, F1.8 ~ F2.8 (30X) f4.42mm ~ 132.6mm, F1.8 ~ F2.8
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Supported
Digital Noise Reduction	2D & 3D Digital Noise Reductions
Horizontal Field of View	(12X) 6.9° ~ 72.5°
	(20X) 3.4° ~ 60.7°
	(30X) 2.3° ~ 60.7°
Vertical Field of View	(12X) 3.9° ~ 44.8°
	(20X) 1.9° ~ 34.1°
	(30X) 1.28° ~ 34.1°

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








Physical Specifications	
Material	Aluminum, Plastic
Color	PTxxX-SE-WH-G3 (White) , PTxxX-SE-GY-G3 (Gray)
Dimensions (W x D x H)	5.6" W x 6.7" D 6.5" H (7.88" H max height w/ tilt up) 142mm W x 169mm D x 164" H (189mm H max height w/ tilt up)
Weight	3.2 lbs. (1.445 kg)
Working Environment	Indoor
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Storage Temperature	-40°F ~ 140°F (-40°C ~ 60°C)

Rear Board Connectors	
HD Video Output	1x RJ45: 10/100M Adaptive Ethernet Port 1x HDMI: Version 1.3 1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M standard
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 RS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
IR	4x IR Addresses, Max distance 30ft / 9m
Power Jack	JEITA type (DC IN 12V)







Power Options	
Power Supply	DC 12V
Input Power	Max. 2A

* HEVC/H.265 is a registered trademark of Access Advance®, LLC




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 Image, 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, Dante™ AV-H ready, 12X, 20X, or 30X optical zoom, 3G-SDI, USB2-A, IP Streaming
	PT-STUDIOPRO			1080p Image, NDI® HX 3, 12X optical zoom & 16X digital zoom, 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, 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 with supplied accessories
	PT-CM-3-BK		PT-CM-3-WH	Large Surface Ceiling Mount for Move 4K 30X, mounts directly to ceiling or box with supplied accessories