

PTZOptics Move SE

The PTZOptics Move SE offers built-in auto-tracking at resolutions up to 1080p at 60fps over 3G-SDI. Available outputs include SDI, HDMI and USB for unrivaled performance and versatility. Compatible with most video production software, including OBS, vMix, Wirecast and more.

Model Numbers:

- PT-12X-SE-WH-G3
- PT-12X-SE-GY-G3
- PT-20X-SE-WH-G3
- PT-20X-SE-GY-G3
- PT-30X-SE-WH-G3
- PT-30X-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 lens with a 72.5° horizontal field of view
- High performance in low light scenarios with Wide Dynamic Range
- 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 A-A Cable
- RS232 Cable
- Quick Start Guide
- IR Remote
- 2 AA Batteries



1. DC 12V
2. Line In
3. Line Out
4. Kensington Lock
5. Resolution Dial
6. RS485 Port
7. RS232 In
8. RS232 Out
9. Restore
10. HDMI
11. 3G SDI
12. USB 2.0
13. LAN / Ethernet

Image Sensor & Lens

Video Sensor	(12X) 1/2.7", CMOS, Effective Pixel: 2.07M
	(20X) 1/2.8", CMOS, Effective Pixel: 2.07M
	(30X) 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)
Field of View	Horizontal: 6.9° ~ 72.5°, Vertical: 3.9° ~ 44.8°
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°

Power Options

Power Supply	DC 12V
Input Power	Max. 2A

Pan / Tilt Movement

Pan Movement	±170°
Pan Speed	2.7° ~ 35.7°/s
Tilt Movement	-30° ~ +90°
Tilt Speed	2.7° ~ 31.5°/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 164" 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

	1x RJ45: 10/100M Adaptive Ethernet Port
HD Video Output	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)

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