![PTZOPTICS - Share Your Vision]

PTZOptics 12X Move 4K

The PTZOptics Move 4K offers built-in auto-tracking at resolutions up to 4K at 60fps (1080p at 60fps over 3G-SDI) and features a built-in tally light. Available outputs include SDI, HDMI, USB, and NDI®|HX for unrivaled performance and versatility. Compatible with most video production software, including OBS, vMix, Wirecast and more.

http://ptzoptics.com/move-4k

Key Features:

- UltraHD 4K (3840x2160p) video resolutions up to 60 FPS
- Built-in auto-tracking capabilities
- 12X optical zoom lens with a 72.5° horizontal field of view
- Sony sensors offer 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, H.265, & MJPEG video compression when IP streaming
- USB 2.0, HDMI 2.0 / 3G-SDI, NDI®|HX 3 / IP streaming (SRT, RTSP, RTMP)
- PoE+ (Power over Ethernet) or 12VDC power supply
- Built in tally light
- 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

[5 YEAR WARRANTY seal]

1. Line in
2. Line Out
3. Resolution Dial
4. RS485 Interface
5. RS232 IN Interface
6. RS232 OUT interface
7. DC 12V
8. LAN (PoE)
9. USB 2.0
10. 3G-SDI Interace
11. HDMI
12. Restore

Image Sensor & Lens	
Video Sensor	1/2.5 inch, UHD CMOS sensor. Effective pixels: 8.51M
Resolution and Frame Rate	**HDMI:** 3840x2160p-60/59.94/50/30/29.97/25, 1920x1080p-60/59.94/50/30/29.97/25, 1920x1080i-60/59.94/50, 1280x720p-60/59.94
	SDI: 1920x1080p-60/59.94/50/30/29.97/25,1920x1080i-60/59.94/50, 1280x720p-60/59.94
Digital Zoom	Off (3840x2160), 2X (1920x1080), 3X (1280x720), 4X, (960x540), 8X (480x270), 16X (256x144)
Field of View	Horizontal: 6.9° (tele) ~ 72.5° (wide), Vertical: 3.9° (tele) ~ 44.8° (wide)
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Lens	f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6

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

Power Options	
Power Supply	DC 12V / PoE+ (802.3at)
Input Power	18W (Max)

Physical Specifications	
Material	Aluminum, Plastic
Color	PT12X-4K-WH-G3 (White) PT12X-4K-GY-G3 (Gray)
Dimensions (W x D x H)	5.57 W x 5.94 x 7.91 in., 168.4 x 141.5 x 164.5 mm
Weight	3.25 lbs (1.47 kg)
Working Environment	Indoor
Operating Temperature	14°F ~ 104°F (-10°C to 40°C)
Storage Temperature	-40°F ~ 140°F (-40°C to 60°C)

Rear Board Connectors	
HD Video Output	1x RJ45: 10/100/1000M Adaptive Ethernet Port
	1x HDMI: version 2.0
	1x USB 2.0: type A
	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 2 pin Phoenix port, RS485 input / output, Max distance3,937ft / 1200m, protocol: VISCA / Pelco-D / Pelco-P
Network Interface	RJ45: 10/100/1000M Adaptive Ethernet Port, supports PoE
Power Jack	JEITA type (DC IN 12V)