

# PTZOptics 20X 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.

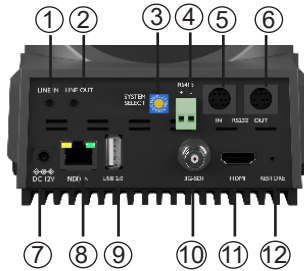
<http://ptzoptics.com/move-4k>

## Key Features:

- UltraHD 4K (3840x2160p) video resolutions up to 60 FPS
- Built-in auto-tracking capabilities
- 20X optical zoom lens with a 60.7° 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, 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



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

### Image Sensor & Lens

Video Sensor	1/1.8 inch, CMOS, Effective pixels: 8.42M
Resolution and Frame Rate	<b>HDMI:</b> 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  <b>SDI:</b> 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: 3.5° (tele) ~ 60.7° (wide), Vertical: 1.9° (tele) ~ 34.1° (wide)
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s

### 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	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 Connectorstors

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 distance 3,937ft / 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)