

## 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@JHX for unrivaled performance and versatility. Compatible with most video production software, including OBS, vMix, Wirecast and more.

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

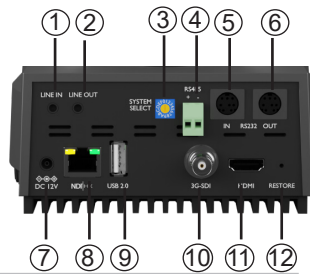
### Key Features:

- 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
- 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@JHX 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
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 Interface
11. HDMI
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<br><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                                                                                                                                                                                                              |
| Lens                      | f = 6.25mm ~ 125mm, F1.58 ~ F3.95                                                                                                                                                                                             |

### 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<br>1x HDMI: version 2.0<br>1x USB 2.0: type A<br>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<br>1x 8 pin Mini-din RS232 output, Max distance 98.5ft / 30m, protocol: VISCA / Pelco-D / Pelco-P<br>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) Ethernet Port, support PoE                                                                                                                                                                                                                                                                  |