

PTZOptics Move 4K

The PTZOptics Move 4K offers built-in auto-tracking in 4K at 60fps. It is able to utilize multiple video outputs simultaneously, offers flexible control options and is NDI®|HX enabled. The Move 4K is compatible with most video production software, including OBS, vMix, Wirecast and more for a seamlessly fit into any live streaming workflow.

Key Features:

- 12X, 20X, & 30X Optical Zoom Models
- UltraHD 4K (3840x2160p) video resolutions up to 60 FPS
- Excels 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, H.265*, & MJPEG video compression when IP streaming
- Simultaneous USB 2.0, HDMI 2.0 / 3G-SDI, NDI®|HX 3 / IP streaming (SRT, RTSP, RTMP) (HDMI & SDI are not simultaneous)
- PoE+ (Power over Ethernet) or 12VDC power supply
- Auto-tracking
- NDI®|HX built in
- Photobooth capable
- Built in tally light
- 5-year warranty
- NDAA Compliant



12X, 20X, & 30X Models

PT12X-4K-GY-G3

PT30X-4K-GY-G3

PT12X-4K-WH-G3

PT30X-4K-WH-G3

PT20X-4K-GY-G3

PT20X-4K-WH-G3

Connections:

- | | | |
|--------------------|------------------|-------------|
| 1. Line In/Out | 5. DC 12V | 9. HDMI 2.0 |
| 2. Resolution Dial | 6. LAN NDI® HX 3 | 10. Restore |
| 3. RS-485 | 7. USB 2.0 | |
| 4. RS-232 In/Out | 8. 3G-SDI | |

What's in the Box:

- Camera
- AC Power Supply
- USB A-A Cable
- RS232C Cable
- Quick Start Guide
- IR Remote
- 2 AA Batteries

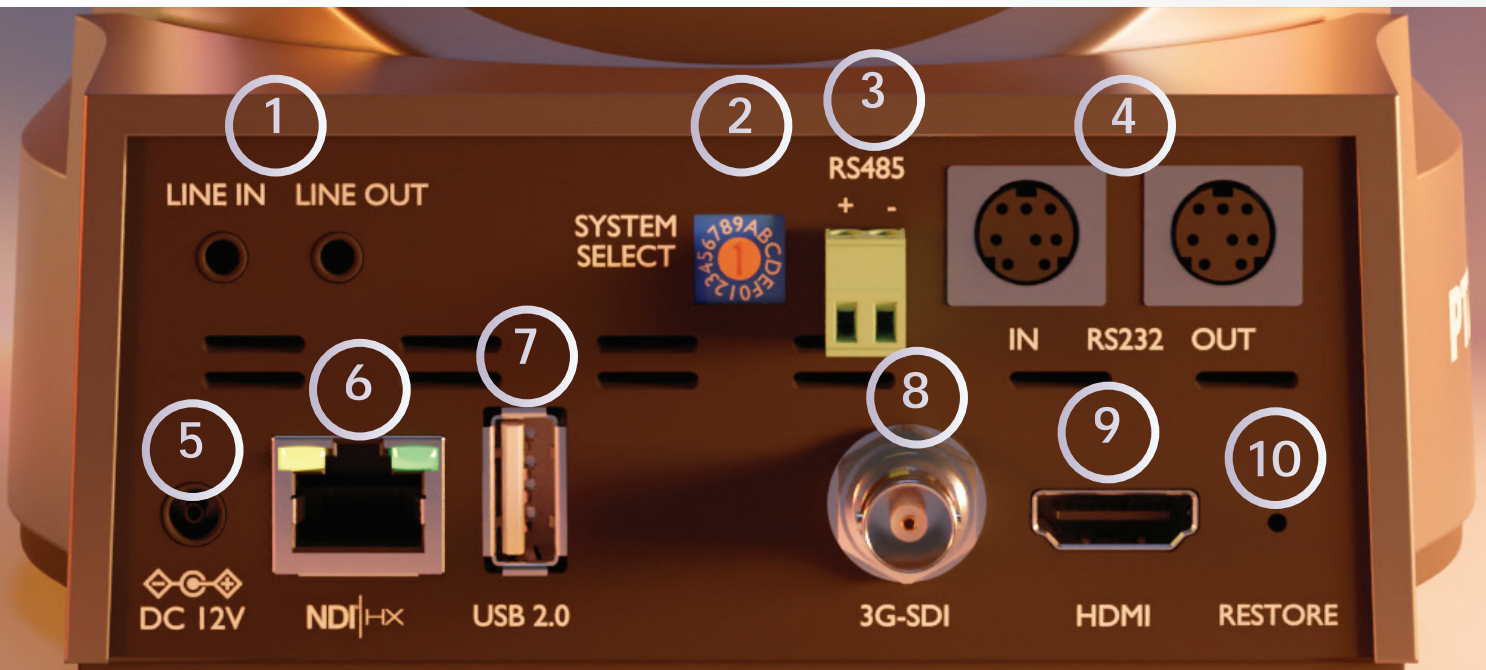


Image Sensor & Lens

Video Sensor	(12X) Sony 1/2.5 inch, CMOS, Effective pixels: 8.51M	
	(20X) Sony 1/1.8 inch, CMOS, Effective pixels: 8.42M	
	(30X) Sony 1/1.8 inch, CMOS, Effective pixels: 8.42M	
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	IP/NDI: 3840x2160, 1920x1080, 1280x720, 1024x576, 720x480, 720x408, 640x480, & 640x360
	SDI: 1920x1080p-60/59.94/50/30/29.97/25 1920x1080i-60/59.94/50 1280x720p-60/59.94	USB: 3840x2160, 1920x1080, 1280x720, 1024x576, 720x480, 640x480, & 640x360
Lens Zoom	(12X) f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6	
	(20X) f = 6.25mm ~ 125mm, F1.58 ~ F3.95	
	(30X) f = 7.1mm ~ 210mm, F1.61 ~ F5.19	
Field of View	(12X) H 6.9° ~ 72.5° V 3.9° ~ 44.8°	
	(20X) H 3.5° ~ 60.7° V 1.9° ~ 34.1°	
	(30X) H 2.5° ~ 59.2° V 1.4° ~ 34.6°	
Min Lux	0.5 Lux @ (F1.8, AGC ON)	
Shutter	1/30s ~ 1/10000s	

Pan / Tilt Movement

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

Electrical Index

Power Supply	DC 12V / PoE+ (802.3at)
Current Consumption	2A (Max)

Physical Specifications

Material	Aluminum, Plastic
Color	Gray, White
Dimensions (W x D x H)	(12X) 5.57" W x 6.65" D x 7.91" H / 141.5 W x 169 D x 201 H mm
	(20X) 5.57" W x 6.65" D x 7.91" H / 141.5 W x 169 D x 201 H mm
	(30X) 6.69" W x 7.12" D x 8.98" H / 170 W x 181 D x 228 H mm
Weight	(12X) 3.25 lbs (1.47 kg)
	(20X) 3.25 lbs (1.47 kg)
	(30X) 4.41lbs (2.0 kg)
Working Environment	Indoor
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)

Rear Board Connectors

HD Video Output	1x RJ45: 10/100/1000M Adaptive Ethernet Port
	1x HDMI: version 2.0
	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M, standard,
	1x USB 2.0 type A
LINE IN 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
IR	4x IR Addresses, Max distance 30ft / 9m
Power Jack	JEITA type (DC IN 12V)




484-593-2247 | ptzoptics.com/contact | ptzoptics.com









Covered by one or more claims of the HEVC patents listed at patentlist.accessadvance.com.

Ver 2.0 2023-12-06

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 PTZ Camera, 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, 12X, 20X, or 30X optical zoom, Dante™ AV-H ready, 3G-SDI, USB2-A, IP Streaming
	PT-STUDIOPRO			1080p Camera, 12X optical zoom & 16X digital zoom, NDI® HX 3, 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 & Link 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 w / supplied accessories
	PT-CM-3-BK		PT-CM-3-WH	Large Surface Ceiling Mount for Move 4K 30X & Link 4K 30X, mounts directly to ceiling or box with supplied accessories
	PT-PM-3-WH			Large Open Base Ceiling Mount used for the Move 4K 30X & Link 4K 30X, mounts to 1" NPT pipe