

Precision. Clarity. Power.

Experience the cutting-edge prowess of PTZOptics Move 4K, boasting 4K 60fps auto-tracking, simultaneous outputs, and versatile control options. Seamlessly integrate with leading video production software like OBS, vMix, and Wirecast for an unparalleled live streaming experience.



12x **30x**
20x
Models



Auto-Tracking & Auto-Framing: Enable auto-tracking or auto-framing, perfect for education, conferences, live broadcasts, and more.

Multiple Control Options: IR remote, network connection, RS-232, RS-485, Web UI, PTZ Control App, USB port, and Camera Management Platform.

Simultaneous Outputs: NDI, USB, & IP with either SDI or HDMI

4K Ultra HD: Next generation SONY UHD CMOS sensor for shooting high-quality 4K video at 60 FPS. Adjustable to numerous other resolutions and frame rates.

Simple Network Discovery: Easily discover and connect to a network.

Built-in Tally Light: Indicates if the camera is live or in preview mode.



What's in the Box:

Move 4K Camera
AC Power Supply
USB A-A Cable

RS232C Cable
Quick Start Guide
IR Remote

2 AA Batteries

Camera & Lens

Models (GY = Gray, WH = White)	PT12X-4K-GY-G3	PT20X-4K-GY-G3	PT30X-4K-GY-G3
	PT12X-4K-WH-G3	PT20X-4K-WH-G3	PT30X-4K-WH-G3
Lens	(12X) Sony 1/2.5 inch, CMOS (20X) Sony 1/1.8 inch, CMOS (30X) Sony 1/1.8 inch, CMOS		
Image Sensor	(12X) 8.51MP, Effective Pixels: 8.29 (20X & 30X) 8.42MP, Effective Pixels: 8.29		
Optical Lens Focal Length (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		
Maximum Tracking Distance	(12X) 200'		
	(20X) 250'		
	(30X) 300'		

Optical Lens Field of View	(12X) H 6.9° ~ 72.5° V 3.9° ~ 44.8°
Horizontal & Vertical	(20X) H 3.5° ~ 60.7° V 1.9° ~ 34.1°
	(30X) H 2.5° ~ 59.2° V 1.4° ~ 34.6°
Display Field of View	(12X) 82.8
	(20X) 66.6
	(30X) 66.7
Resolution and Frame Rate	HDMI/IP/NDI/USB: 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 1024x576, 720x480, 720x408, 640x480, 640x360 -60/59.94/50/30/29.97/25
	SDI: 1920x1080p-60/59.94/50/30/29.97/25 1920x1080i-60/59.94/50 1280x720p-60/59.94 1024x576, 720x480, 720x408, 640x480, 640x360 -60/59.94/50/30/29.97/25
Min Lux	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Pan Movement Range	±170°
Tilt Movement Range	-30° ~ +90°
Pan Speed	0.7°/s ~ 100°/s
Tilt Speed	0.7°/s ~ 69.9°/s
Presets	255 Presets
Preset Accuracy	0.1°
Image Flip, Mirror, and Freeze	Supported

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
Humidity Range	10% - 80%
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Storage Temperature	-40°F ~ 140°F (-40°C ~ 60°C)
Connections	
HD Video Output	1x RJ45: 10/100/1000M Adaptive Ethernet Port NDI HX enabled
	1x HDMI: version 2.0
	1x 3G-SDI: BNC type, 800mVP-p, 75Ω, Along to SMPTE 424M, standard
	1x USB 2.0 Type A
Compression Standards	YUY2 / MJPEG / H.264 / H.265
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
IR	4x IR Addresses, Max distance 30ft / 9m
Power Supply	JEITA type (DC IN 12V) / PoE (802.3af)
Current Consumption	Max 1.0A

NDAA Compliant

Pan Tilt Zoom Cameras



Move 4K



Link 4K



Move SE

Box Cameras



Studio Pro



SuperJoy



PTJOY



HCJOY

Joysticks

Camera Mounts

Wall Mounts



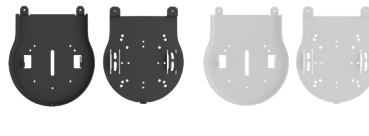
HCM-1-BK
HCM-1-WH

HCM-2-BK
HCM-2-WH

PT-WM-3-BK
PT-WM-3-WH

For
30X Models

Ceiling Mounts

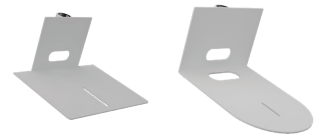


PT-CM-1-BK
PT-CM-1-WH

PT-CM-3-BK
CM-3-WH

For
30X Models

Pole Mounts



HCM-2C-WH
WH

PT-PM-3-

For
30X Models

Software



Hive Studio



PTZOptics
Q-SYS Control
Plugin

Camera
Management
Platform



PTZ Control
Pro 2