



OPTICS

**PRODUCT
CATALOG**

2020

PTZ Optics

STANDBY POWER



BROADCAST QUALITY MADE AFFORDABLE

Welcome

We invite you to explore our 2018 Product Catalog.

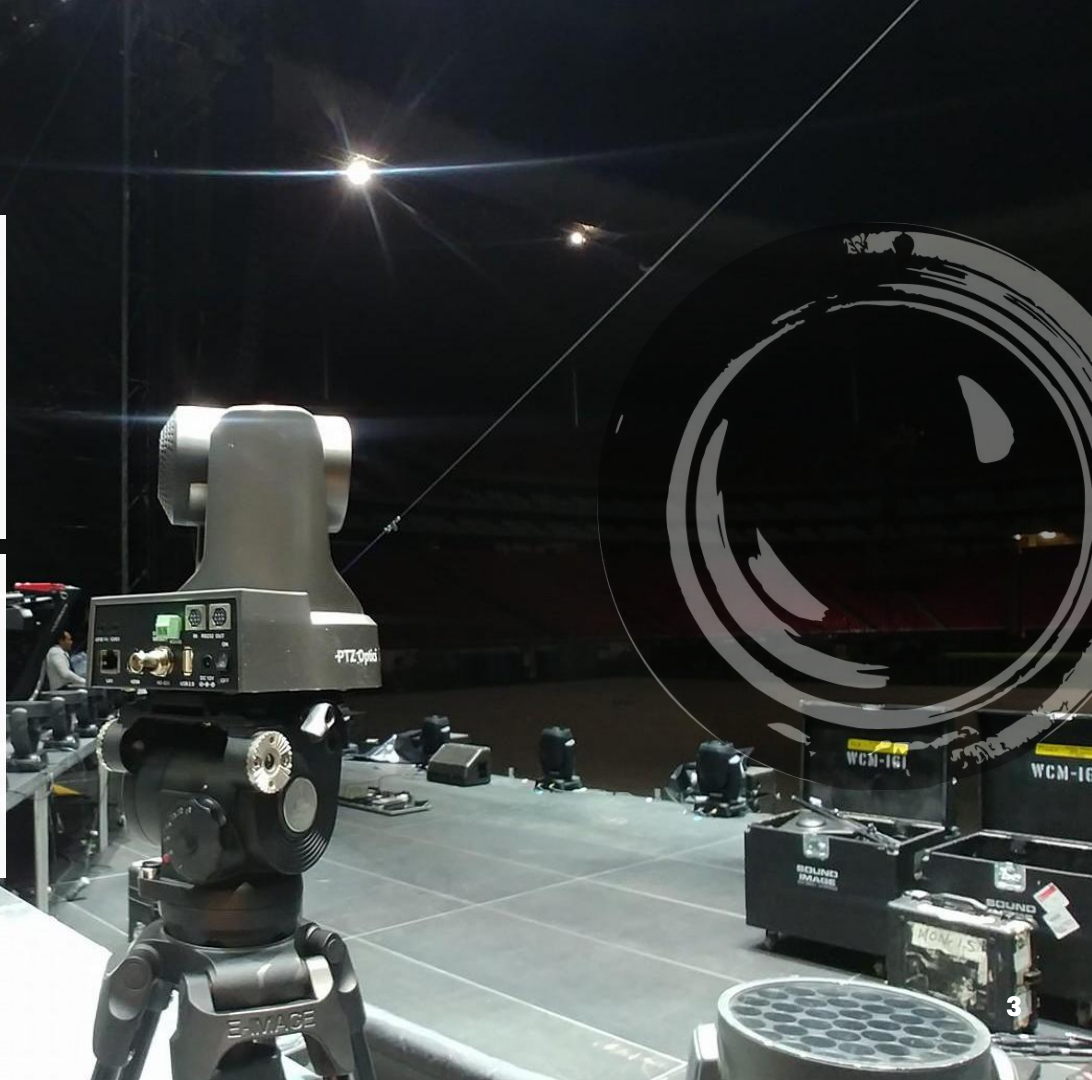
Here at PTZOptics we pride ourselves on providing
"Broadcast quality equipment, made affordable".

This catalog offers a comprehensive guide of our latest
PTZ camera models, and more..

Please review at your leisure, and thank you for your
consideration.

- * In-office dedicated support team
- * Online knowledge base with hundreds of articles
- * Over 600 video reviews and tutorials updated daily
- * Exclusive online community on Facebook with over 2,400 users
- * Weekly LIVE shows with product demos and Q&A's

More info on our products can be found at:
www.ptzoptics.com



1



12X SDI

SKU PT 12X-SDI-GY-G2 (Gray)
PT 12X-SDI-WH-G2 (White)

3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE





12X SDI PTZ CAMERA

- 12X Optical Zoom
- 3G SDI
- HDMI
- CVBS
- PoE
- NDI®|HX Upgradeable
- RS-232/RS-485
- Broadcast Frame Rates
- SDI out
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 72.5° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$1,759 USD



2



12X USB

SKU PT 12X-USB-GY-G2
PT 12X-USB-WH-G2



- Initiation:
- Initiation:
 - Planning:
 - Kickoff
 - Maintenance
 - Close



FullHD
1080p/60

USB3
PLUG AND PLAY

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

12X USB PTZ CAMERA

- 12X Optical Zoom
- USB 3.0
- HDMI
- CVBS
- NDI®|HX Upgradeable
- RS-232/RS-485
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 72.5° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$1,869 USD



3

P T Z OPTICS

12X NDI[®] | HX

SKU

PT 12X-NDI-GY
PT 12X-NDI-WH





NDI®
NEWTEK NDI®

FullHD
1080p/60

PoE
Power Over Ethernet

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

12X NDI[®]|HX PTZ CAMERA

- 12X Optical Zoom
- NewTek[™] NDI[®]|HX
- HDMI
- CVBS
- IP Streaming (RTSP & RTMP)
- RS-232/RS-485
- Broadcast Frame Rates
- SDI out
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 72.5° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$2,199 USD



4



20X SDI

SKU PT 20X-SDI-GY-G2
PT 20X-SDI-WH-G2





3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

20X SDI PTZ CAMERA

- 20X Optical Zoom
- 3G SDI
- HDMI
- CVBS
- PoE
- NDI®|HX Upgradeable
- RS-232/RS-485
- Broadcast Frame Rates
SDI out
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 60.7° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$1,869 USD



5



20X USB

SKU PT 20X-USB-GY-G2
PT 20X-USB-WH-G2



PTZ Optics



FullHD
1080p/60

USB3
PLUG AND PLAY

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

20X USB PTZ CAMERA

- 20X Optical Zoom
- USB 3.0 & 2.0
- HDMI
- CVBS
- NDI®|HX Upgradeable
- RS-232/RS-485
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 60.7° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$1,979 USD



6



20X NDI[®] | HX

SKU PT 20X-NDI-GY
PT 20X-NDI-WH



PTZ Optics

NDI[®]

NEWTEK NDI[®]

FullHD

1080p/60

PoE

Power Over Ethernet

DUAL STREAMING

ENABLED

WDR

WIDE DYNAMIC RANGE



20X NDI[®] |HX PTZ CAMERA

- 20X Optical Zoom
- NewTek[™] NDI[®] |HX
- HDMI
- CVBS
- IP Streaming (RTSP & RTMP)
- RS-232/RS-485
- Broadcast Frame Rates
- SDI out
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 60.7° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$2,309 USD



7



30X SDI

SKU PT 30X-SDI-GY-G2
PT 30X-SDI-WH-G2



3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE



3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

30X SDI PTZ CAMERA

- 30X Optical Zoom
- 3G SDI
- HDMI
- CVBS
- PoE
- NDI®|HX Upgradeable
- RS-232/RS-485
- Broadcast Frame Rates
SDI out
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 60.7° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$1,979 USD



8

P T Z OPTICS

30X NDI[®] | HX

SKU PT 30X-NDI-GY
PT 30X-NDI-WH



NDI[®]

NEWTEK NDI[®]

FullHD

1080p/60

PoE

Power Over Ethernet

DUAL STREAMING

ENABLED

WDR

WIDE DYNAMIC RANGE





30X NDI® |HX PTZ CAMERA

- 30X Optical Zoom
- NewTek™ NDI® |HX
- HDMI
- CVBS
- IP Streaming (RTSP & RTMP)
- RS-232/RS-485
- Broadcast Frame Rates
- SDI out
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 60.7° FOV
- Photobooth Capable
- 3 Year Warranty

MSRP: \$2,419 USD



9



12X ZCAM

SKU PT12X-ZCAM



3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

12X ZCAM

- 12X Optical Zoom
- 3G SDI
- CVBS
- PoE
- NDI®|HX Upgradeable
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 60.7° FOV
- 3 Year Warranty

MSRP: \$769 USD

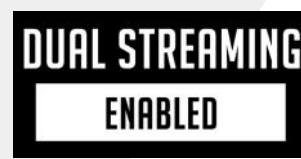
10



12X NDI[®] | HX

ZCAM

SKU PT12X-NDI-ZCAM



12X NDI® |HX ZCAM

- 12X Optical Zoom
- 3G SDI
- PoE
- NDI®|HX
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 60.7° FOV
- 3 Year Warranty

MSRP: \$1,209 USD

9

P T Z OPTICS

20X ZCAM

SKU PT20X-ZCAM





3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

20X ZCAM

- 20X Optical Zoom
- 3G SDI
- CVBS
- PoE
- NDI®|HX Upgradeable
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 60.7° FOV
- 3 Year Warranty

MSRP: \$879 USD

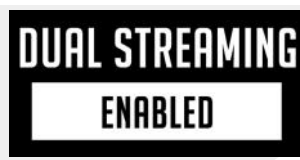


10

PTZ OPTICS
20X NDI® | HX
ZCAM

SKU PT20X-NDI-ZCAM





20X NDI[®]|HX ZCAM

- 20X Optical Zoom
- 3G SDI
- PoE
- NDI[®]|HX
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 60.7° FOV
- 3 Year Warranty

MSRP: \$1,319 USD



11



VARIABLE LENS

SKU PTVL-ZCAM





3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

VARIABLE LENS CAM

- 4X Optical Zoom
- 3G SDI
- PoE
- NDI®|HX Upgradeable
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS (IP/NDI 30fps only)
- 122° FOV
- 3 Year Warranty

MSRP: \$549 USD



10

P T Z OPTICS

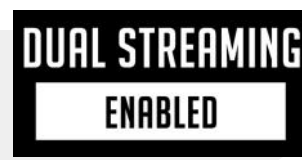
VL NDI[®] | HX

SKU PTVL-NDI-ZCAM



PTZ Optics





VL NDI® |HX ZCAM

- 4X Optical Zoom
- 3G SDI
- PoE
- NDI®|HX
- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 122° FOV
- 3 Year Warranty

MSRP: \$1,099 USD



11



PRODUCER KIT

SKU PT-PRODUCER-12X
PT-PRODUCER-20X
PT-PRODUCER-ADD12X
PT-PRODUCER-ADD20X



PTZ PRODUCER KIT

- One or Two Cameras
- Choice of 12X or 20X
- Intel NUC Skull Canyon
- 3G SDI
- PoE
- NDI®|HX Upgradeable
- IP Streaming (RTSP & RTMP)
- HC Joystick
- Shure Motiv
- Magewell Capture Card for Each Camera
- SDI Cable Included
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 122° FOV
- 3 Year Warranty
- **MSRP: \$4,215 – 12X**
\$4,653 – 20X
\$2,416 – ADD 12X
\$2,526 – ADD 20X



12



PRODUCER KIT PLUS

SKU PT-PRODUCERPLUS-12X
PT-PRODUCERPLUS-20X
PT-PRODUCERPLUS-ADD12X
PT-PRODUCERPLUS-ADD20X





PTZ PRODUCER KIT

- Up to Four Cameras
- Choice of 12X or 20X
- Intel NUC Skull Canyon
- 3G SDI
- PoE
- NDI®|HX Upgradeable
- IP Streaming (RTSP & RTMP)
- HC Joystick
- Shure Motiv
- 3G SDI AkiTio External PCIe
- SDI Cable Included
- Cascade Cable Included
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 122° FOV
- 3 Year Warranty
- **MSRP: \$5,752 - 12X**
\$5,862 - 20X
\$2,087 - ADD 12X
\$2,197 - ADD 20X



14

P T Z OPTICS

Webcam[®]

SKU PT-WEBCAM-80



OPTICS

3:35

1

温泉旅

疾

PTZOptics Webcam

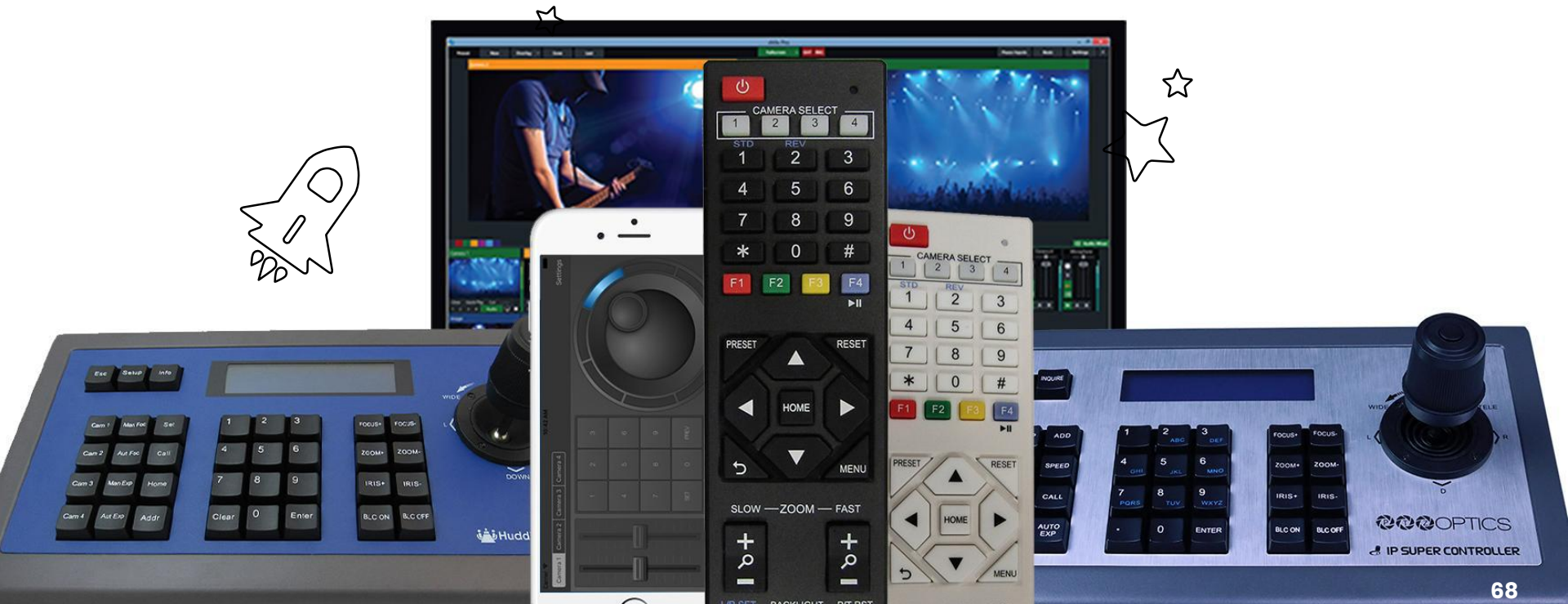
- USB 2.0
- 1080p
- Universal Compatibility
- 80° FoV
- Internal Microphone
- 3 Year Warranty
- USB Powered
- Lens Cap Attached

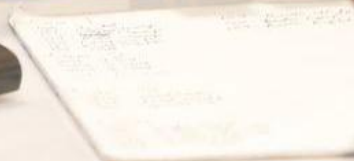
MSRP: \$98 USD



CAMERA CONTROL

Let's dive into our options for camera control









PT-WC[®]-PP-G1

- 300 Mbps of low latency data transfer
- ideal for video production with the NewTek[®] NDI[®].
- Add New Cameras
- IP Management
- professional grade WAPS (Wireless Access Points)
- 1 Year Warranty
- Power Supply Included
- Signal through metal, stone, and wood

MSRP: \$1,155 USD





Options to Fit your Preference

1

IR REMOTE CONTROL

Each model of our PTZ cameras comes with an included IR remote for camera control, settings, and presets.

2

IP JOYSTICK

Physical joystick control, variable pan, tilt, and zoom speeds, all over your network.

3

CAMERA CONTROL SOFTWARE

Mobile App control over wifi, or integration with multiple streaming software platforms.

IR Remote Control

Camera Control

Control up to four cameras, featuring quick switch keys.

Pan, tilt, and zoom control, with slow and fast zoom speed. Manual/auto focus option.

Access shortcuts to certain camera settings and features.

Menu

Access your camera on screen display menu for customizable camera lens and color settings.

Presets

Set over 10 custom camera presets and call them on command.



***INCLUDED WITH ALL PTZ CAMERAS**

IP JOYSTICK

SKU: PT-JOY-G3

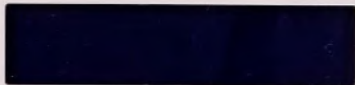
- Joystick PTZ Control
- Variable Pan & Tilt Speed
- 6 Camera Hotkeys
- PoE
- IP Control
- Over 200 Camera Presets with set/call keys
- Manual Iris/Focus
- ONVIF 2.4
- Control Multiple Cameras

MSRP: \$714 USD





ESC SETUP CAM ID



CAM 1	CAM 2	CAM 3
CAM 4	CAM 5	CAM 6
SPEED	SET	RECALL
OSD	OSD BACK	OSD ENTER

1	2	3
4	5	6
7	8	9
.	0	ENTER

FOCUS+	FOCUS-
FOCUS UNLOCK	FOCUS LOCK
IRIS+	IRIS-
AUTO FOCUS	AUTO EXP

 OPTICS
IP SUPER CONTROLLER



CAMERA CONTROL SOFTWARE

IOS & ANDROID APP

- Easy Wireless Camera Control over WiFi
- Control up to four cameras
- Store up to ten presets per camera
- Variable Speed Control w/ Joystick
- Support for Zoom & Focus
- Supports iPhone, iPad and iPod touch
- Now supports unique pan, tilt and zoom speeds for manual and preset positions (unique settings for each camera)

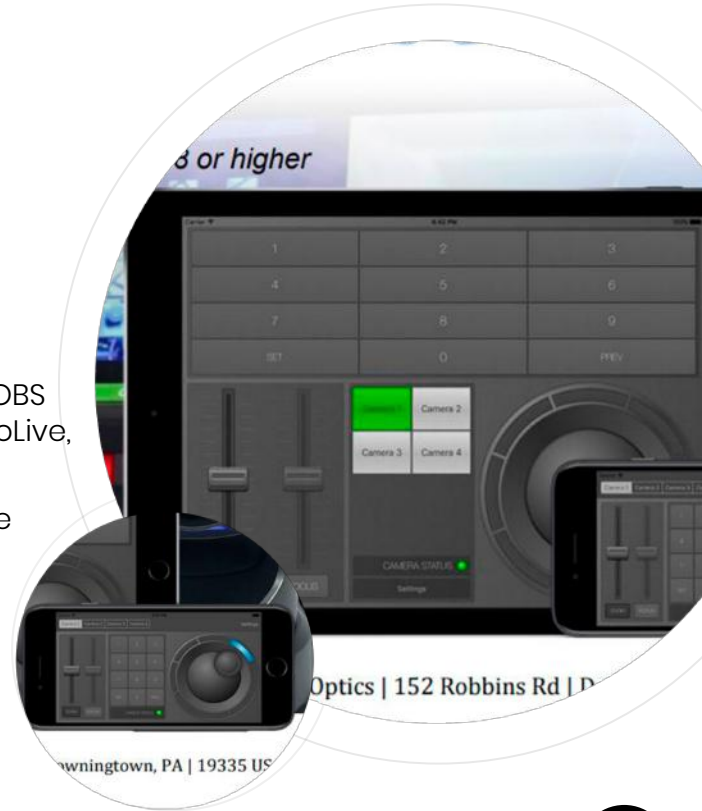
PRICE: \$10

Software Integration

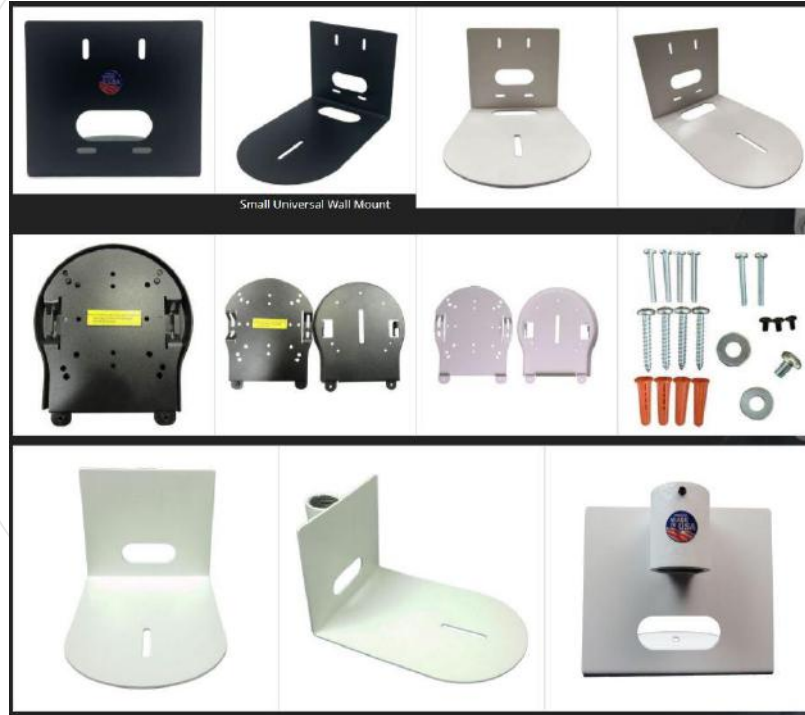
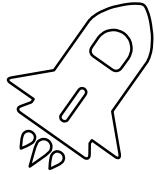
PTZ control integration in streaming software such as: OBS (for MAC & PC), Wirecast, MimoLive, and vMix.

Open Source Control Software

...and more

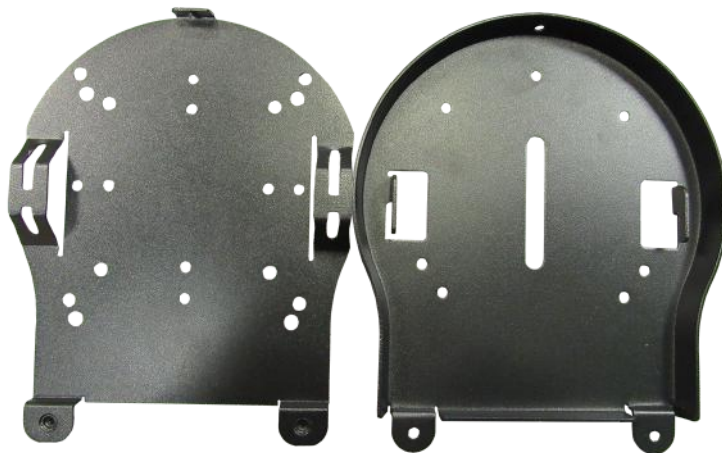


CAMERA MOUNTS



CAMERA MOUNTS

SKUS:		MSRP
HCM-1-BK		\$99
HCM-1-WH		\$99
PT-CM-1-BK		\$66
PT-CM-1-WH		\$66
HCM-1-C		\$121



New Smartphone App!

Available on iOS and
Android.

Just search for
PanTiltZoom!

Price \$10



Mac/PC/OBS App

Enjoy tons of new features inside our free PC, Mac and OBS (Open Broadcaster Software) apps.

Too many features to note here. Enjoy live video preview, camera presets and advanced camera controls.

Download at <https://ptzoptics.com/apps>

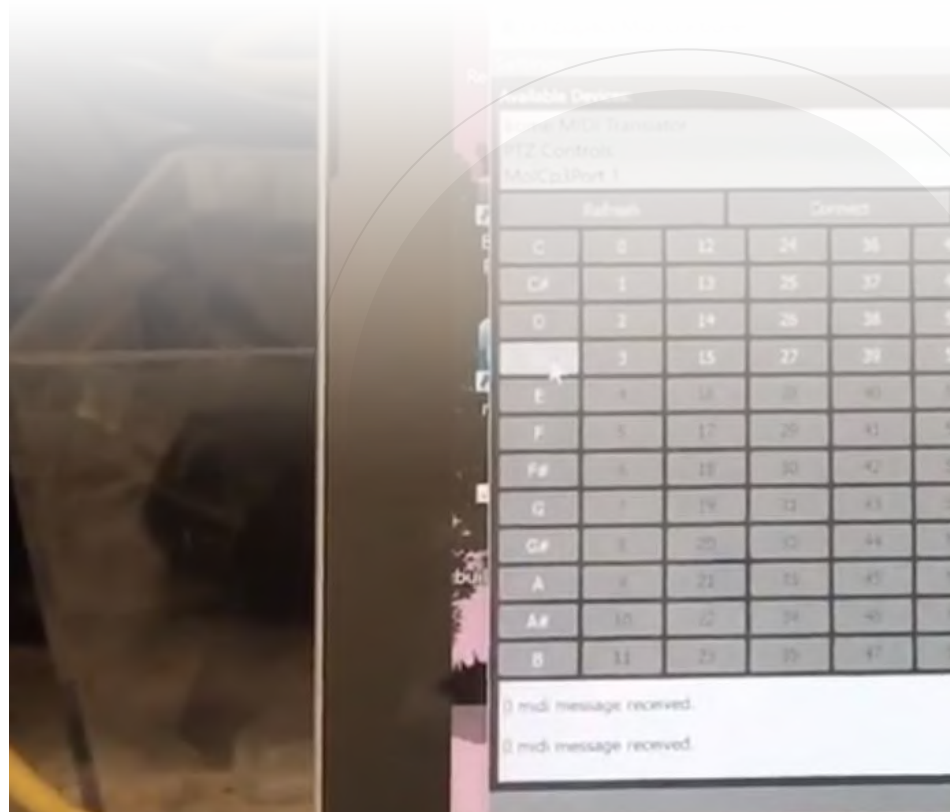


MIDI Camera Controls

Integrate PTZ camera controls into any digital audio workstation station using MIDI controls.

See how churches, music studios and performing arts centers are automating camera controls to precision inside software such as Ableton Live, Logic, Cubase, Presonus Studio 1 and Avid Pro Tools.

Download at: <https://ptzoptics.com/MIDI>



CAMERA COMPARISON CHARTS



Camera Type	SDI	USB	NDI
Optical Zoom	\$1,759-1,979 12X/20X/30X 6.9° TO 72.5°	\$2,309 12X/20X 3.36° TO 60.7°	\$2,419 12X/20X/30X 2.28° TO 60.7°
Resolution	1080P @ 60 FPS	1080P @ 60 FPS	1080P @ 60 FPS
NDI	UPGRADEABLE	UPGRADEABLE	✓
USB	USB 2.0 UPDATES ONLY	✓	USB 2.0 UPDATES ONLY
HDMI	✓	✓	✓
3G-SDI	✓	✗	✓
RTSP/RTMP	✓ (*30X ONLY)	✓	✓ (*30X ONLY)
VISCA Control	✓	✓	✓
Storable Presets	255	255	255
PoE	✓	✗	✓
Min Lux	0.5	0.5	0.5
Wide Dynamic Range	✓	✓	✓
3D Noise Cancellation	✓	✓	✓

* If IP is set at 1080-60p, then dial must be set to 1080-30p or less
If dial is set to 1080-60p, then IP must be set to 1080-30p or less

SDI SIMULTANEOUS OUTPUTS:
SDI, HDMI, RTMP/RTSP

USB SIMULTANEOUS OUTPUTS:
USB & HDMI

Global Purchasing Outlets via Reseller Program

Contact: partners@ptzoptics.com

To find your local reseller





Thanks!

Any questions?

We hope you found this helpful. To reach us please contact:

- partners@ptzoptics.com

or

- 610-518-2200