



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



New



4K EPTZ ZCAM

SKU

PTEPTZ-ZCAM-G2

3G-SDI

1080p30 & 720p30

PoE

Power Over Ethernet

4K

EPTZ





4K EPTZ ZCAM

- 4K Sensor
- EPTZ
- 1080p&720p30fps
- Dual 3G SDI
- PoE
- IP Streaming (RTSP & RTMP)
- IP Network (H.264, H.265, Mjpeg)
- 104° FOV
- 5 Year Warranty

MSRP: \$549 USD



New

P T Z OPTICS

**4K EPTZ NDI® | HX
ZCAM**

SKU PTEPTZ-NDI-ZCAM-G2

3G-SDI

1080p30 & 720p30

PoE

Power Over Ethernet

4K

EPTZ

NDI[®]

NEWTEK NDI[®]





4K EPTZ NDI®|HX ZCAM

- 4K Sensor
- EPTZ
- NDI®|HX
- 1080p&720p30fps
- Dual 3G SDI
- PoE
- IP Streaming (RTSP & RTMP)
- IP Network (H.264, H.265, Mjpeg)
- 104° FOV
- 5 Year Warranty

MSRP: \$989 USD



The logo for PTZ Optics features the letters 'P', 'T', and 'Z' each inside a blue camera aperture icon. To the right of these icons, the word 'OPTICS' is written in a light blue, sans-serif font.

PTZ OPTICS

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



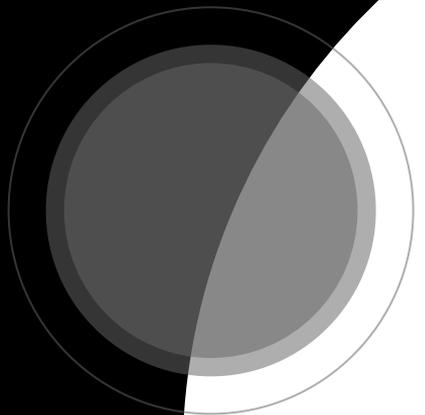


12X SDI PTZ CAMERA

- 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
- 5 Year Warranty

MSRP: \$1,759 USD

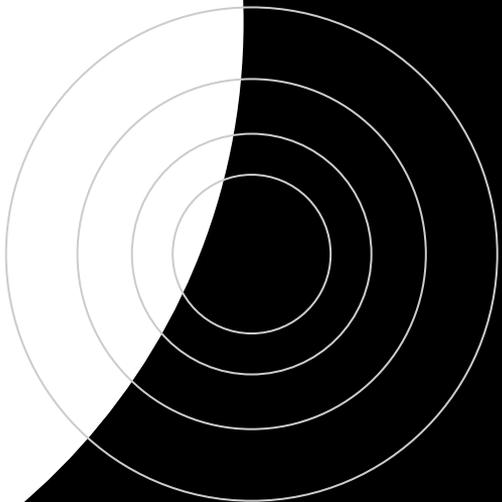




P T Z OPTICS

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
- 5 Year Warranty

MSRP: \$1,869 USD



The logo for PTZ OPTICS features the letters 'P', 'T', and 'Z' each inside a blue camera aperture icon. To the right of these icons, the word 'OPTICS' is written in a light blue, sans-serif font.

PTZ OPTICS

12X NDI[®] | HX

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



NDI|HX

LINE IN CVBS

SYSTEM SELECT

IN R5232 OUT

DC 12V

ON/OFF

HDMI



NDI®
NEWTEK NDI®

FullHD
1080p/60

PoE
Power Over Ethernet

DUAL STREAMING
ENABLED

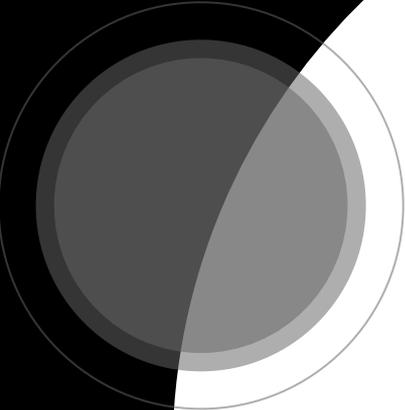
WDR
WIDE DYNAMIC RANGE

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
- 5 Year Warranty

MSRP: \$2,199 USD

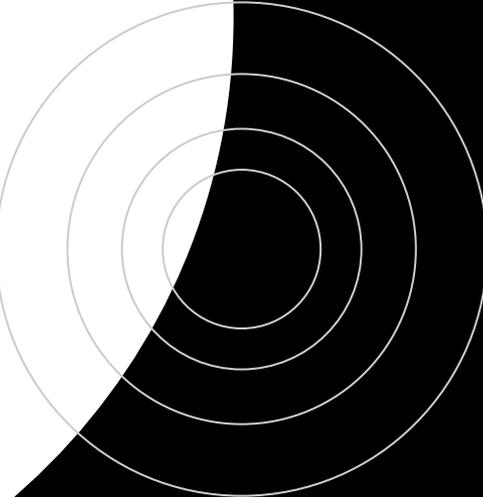




P T Z OPTICS

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

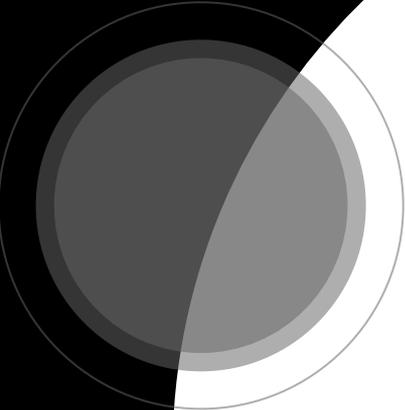
WDR
WIDE DYNAMIC RANGE

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
- 5 Year Warranty

MSRP: \$1,869 USD

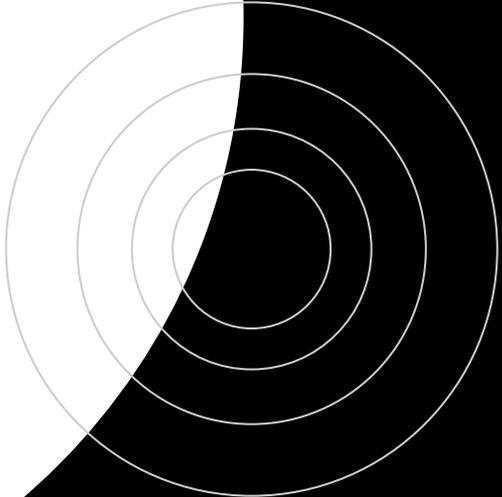




P T Z OPTICS

20X USB

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







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
- 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
- 5 Year Warranty

MSRP: \$1,979 USD





20X NDI

IHX[®]

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



NDI[®]

NEWTEK NDI[®]

FullHD

1080p/60

PoE

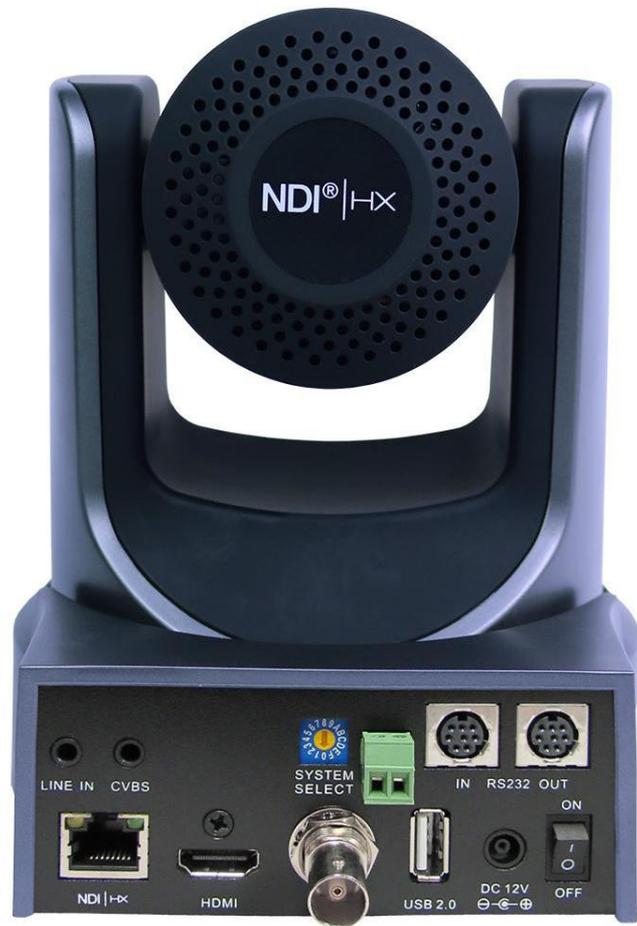
Power Over Ethernet

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
- 5 Year Warranty



MSRP: \$2,309 USD

The logo for PTZ Optics features the letters 'P', 'T', and 'Z' each inside a blue circular icon that resembles a camera lens aperture. To the right of these icons, the word 'OPTICS' is written in a light blue, sans-serif font.

PTZ OPTICS

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
- 5 Year Warranty

MSRP: \$1,979 USD





30X NDI

IHX[®]

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



NDI[®]
NEWTEK NDI[®]

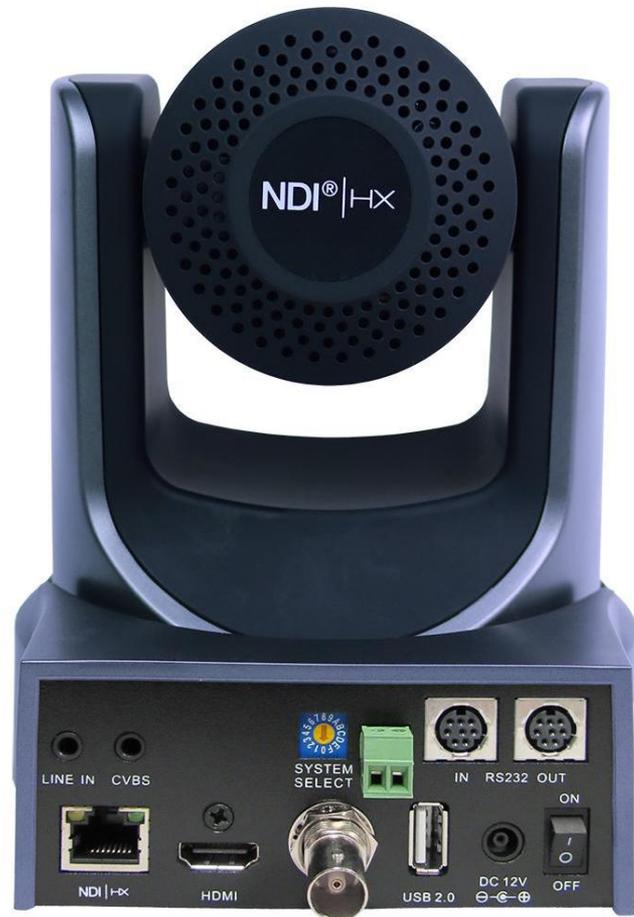
FullHD
1080p/60

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
- 5 Year Warranty



MSRP: \$2,419 USD

The logo for PTZ Optics features the letters 'P', 'T', and 'Z' each inside a blue camera aperture icon. To the right of these icons, the word 'OPTICS' is written in a light blue, sans-serif font.

PTZ OPTICS

12X ZCAM

SKU PT12X-ZCAM



3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

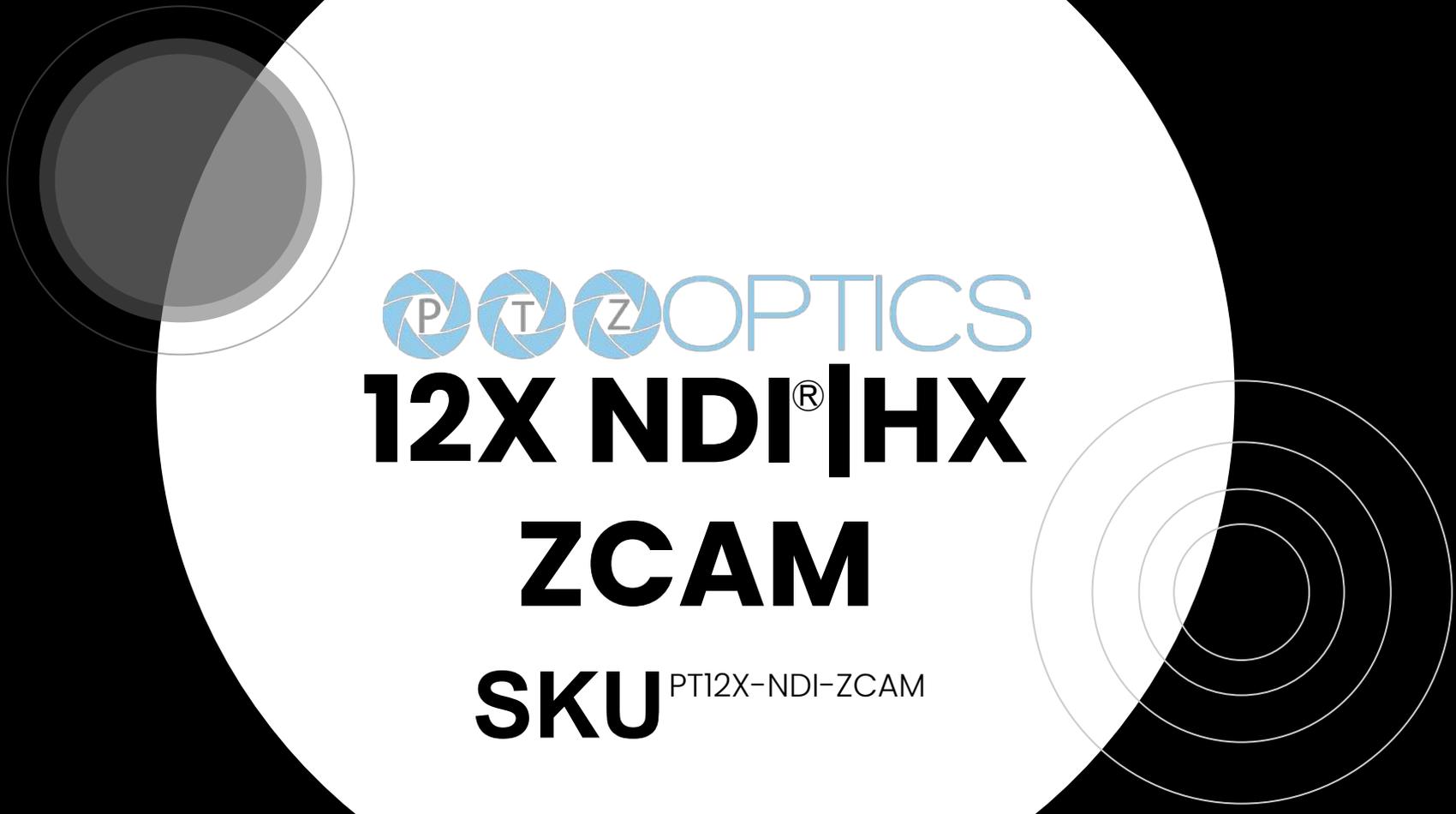


12X ZCAM

- 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
- 5 Year Warranty

MSRP: \$769 USD





P T Z OPTICS

12X NDI[®] | HX

ZCAM

SKU PT12X-NDI-ZCAM



NDI[®]
NEWTEK NDI[®]

FullHD
1080p/60

PoE
Power Over Ethernet

DUAL STREAMING
ENABLED

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
- 5 Year Warranty

MSRP: \$1,209 USD



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
- 5 Year Warranty

MSRP: \$879 USD



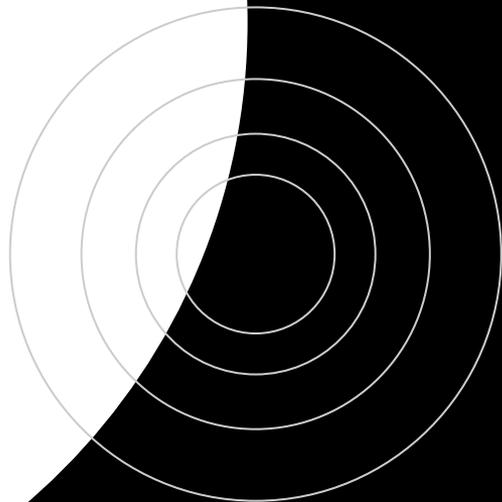


20X NDI
PTZ OPTICS

IHX[®]

ZCAM

SKU PT20X-NDI-ZCAM





PTZ Optics



NDI[®]
NEWTEK NDI[®]

FullHD
1080p/60

PoE
Power Over Ethernet

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

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
- 5 Year Warranty

MSRP: \$1,319 USD





VARIABLE LENS

SKU PTVL-ZCAM





3G-SDI
1080p/60

PoE
Power Over Ethernet

MJPEG
STREAMING

DUAL STREAMING
ENABLED

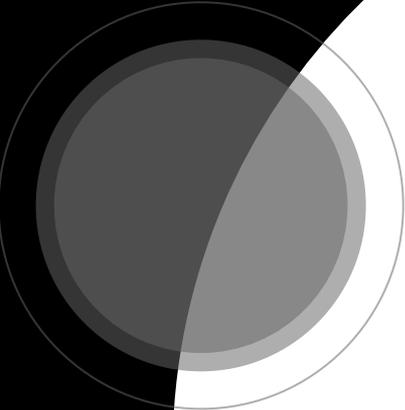
WDR
WIDE DYNAMIC RANGE

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
- 5 Year Warranty

MSRP: \$549 USD

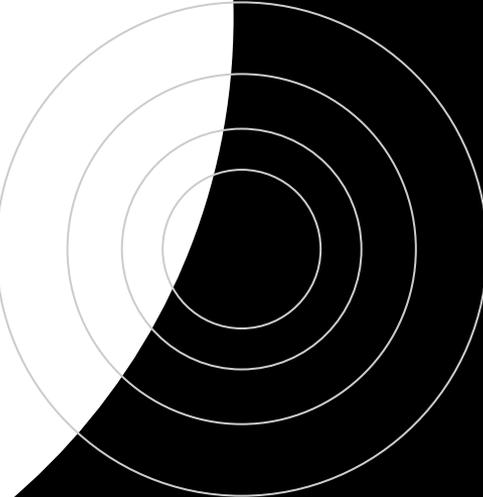




P T Z OPTICS

VL NDI[®] | HX

SKU PTVL-NDI-ZCAM





PTZ Optics

HD
1080P

20x

PTZ

LDC



NDI[®]
NEWTEK NDI[®]

FullHD
1080p/60

PoE
Power Over Ethernet

DUAL STREAMING
ENABLED

WDR
WIDE DYNAMIC RANGE

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
- 5 Year Warranty

MSRP: \$1,099 USD



14

P T Z OPTICS

Webcam[®]

SKU PT-WBCAM-80



PTZ Optics Webcam

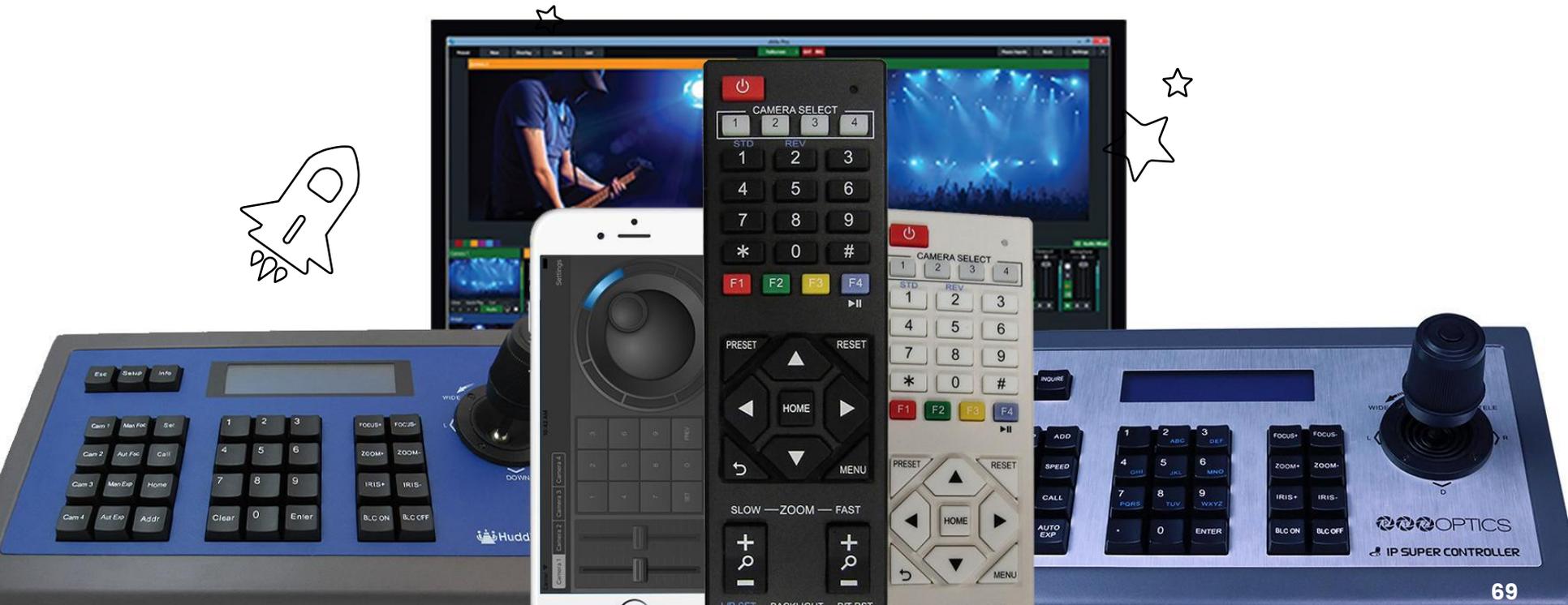
- USB 2.0
- 1080p
- Universal Compatibility
- 80° FoV
- Internal Microphone
- 5 Year Warranty
- USB Powered
- Lens Cap Attached

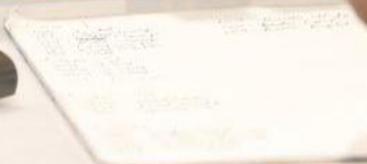
MSRP: \$98 USD



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)

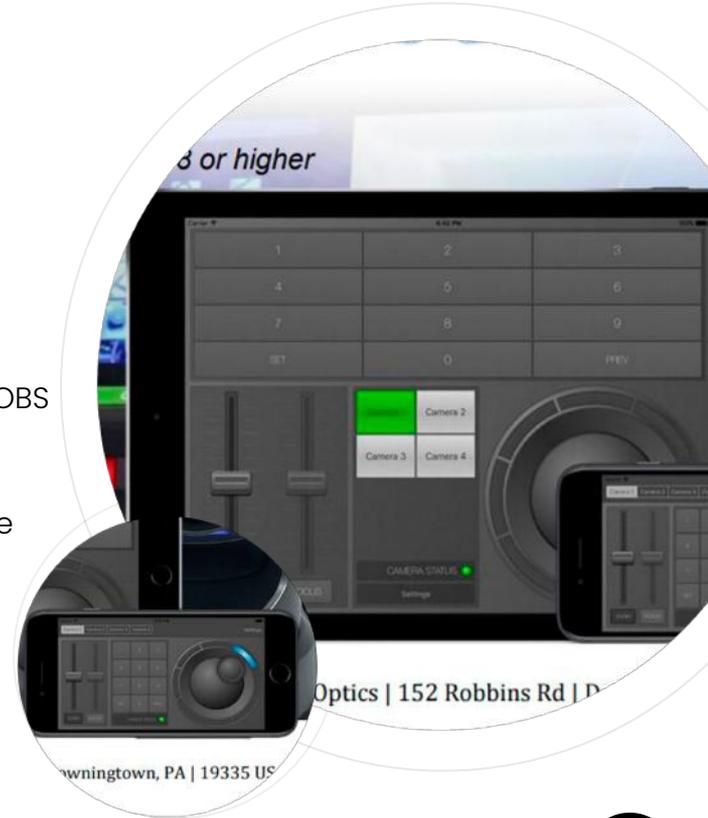
PRICE: \$10

Software Integration

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

Open Source Control Software

...and more



Optics | 152 Robbins Rd | D

owningtown, PA | 19335 US

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

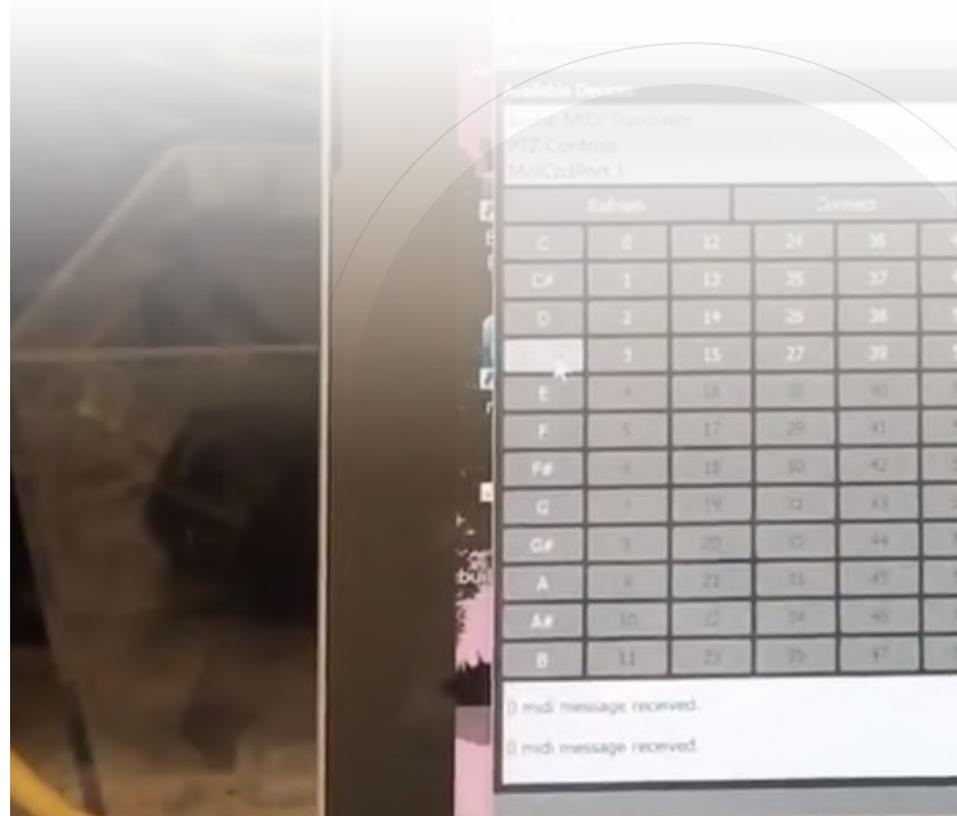


MIDI Camera Controls

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
	\$1,759-1,979	\$2,309	\$2,419
Optical Zoom	12X/20X/30X 6.9° TO 72.5°	12X/20X 3.36° TO 60.7°	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