PTZ Optics
PRODUCT CATALOG
2019
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
SKU PT 12X-SDI-GY-G2 (Gray)  
PT 12X-SDI-WH-G2 (White)
12X SDI PTZ CAMERA

- 12X Optical Zoom
- 3G SDI
- HDMI
- CVBS
- PoE
- NDI®/HX Upgradeable
- RS-232/RS-485
- Broadcast Frame Rates

SDI out

MSRP: $1,759 USD

- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, MJpeg)
- 1080p @ 60FPS
- 72.5° FOV
- 3 Year Warranty
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
- 3 Year Warranty

MSRP: $1,869 USD
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
- MSRP: $2,199 USD

- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 72.5° FOV
- 3 Year Warranty
20X SDI

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

- 20X Optical Zoom
- 3G SDI
- HDMI
- CVBS
- PoE
- NDI®HX Upgradeable
- RS-232/RS-485
- Broadcast Frame Rates SDI out

MSRP: $1,869 USD

- IP Streaming (RTSP & RTMP)
- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- 60.7° FOV
- 3 Year Warranty
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 & 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
- 3 Year Warranty

MSRP: $1,979 USD
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
- 3 Year Warranty

MSRP: $2,309 USD
PTZ Optics

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
- 3 Year Warranty

MSRP: $1,979 USD
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
- 3 Year Warranty

MSRP: $2,419 USD
12X ZCAM

- 12X Optical Zoom
- 3G SDI
- CVBS
- PoE
- NDI®HX Upgradeable
- IP Streaming (RTSP & RTMP)

MSRP: $769 USD

- IP Network RJ45 (H.264, H.265, MJpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 60.7° FOV
- 3 Year Warranty
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
20X ZCAM
SKU PT20X-ZCAM
20X ZCAM

- 20X Optical Zoom
- 3G SDI
- CVBS
- PoE
- NDI®HX Upgradeable
- IP Streaming (RTSP & RTMP)

MSRP: $879 USD

- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 60.7° FOV
- 3 Year Warranty
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
VARIABLE LENS
SKU PTVL-ZCAM
VARIABLE LENS CAM

- 4X Optical Zoom
- 3G SDI
- PoE
- NDI®|HX Upgradeable
- IP Streaming (RTSP & RTMP)

MSRP: $549 USD

- IP Network RJ45 (H.264, H.265, Mjpeg)
- 1080p @ 60FPS
- (IP/NDI 30fps only)
- 122° FOV
- 3 Year Warranty
NDI® NEWTEK NDI®

FullHD 1080p/60

PoE Power Over Ethernet

DUAL STREAMING ENABLED

WDR WIDE DYNAMIC RANGE

56
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
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
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
Let's dive into our options for camera control
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
Let's dive into our options for camera control.
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)

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

Open Source Control Software
...and more

PRICE: $10
CAMERA MOUNTS

SKUS:
- 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

<table>
<thead>
<tr>
<th>Camera Type</th>
<th>SDI</th>
<th>USB</th>
<th>NDI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1,759-1,979</td>
<td>$2,309</td>
<td>$2,419</td>
</tr>
<tr>
<td>Optical Zoom</td>
<td>12X/20X/30X 6.9°-72.5°</td>
<td>12X/20X 3.36°-60.7°</td>
<td>12X/20X/30X 2.28°-60.7°</td>
</tr>
<tr>
<td>Resolution</td>
<td>1080P @ 60 FPS</td>
<td>1080P @ 60 FPS</td>
<td>1080P @ 60 FPS</td>
</tr>
<tr>
<td>NDI</td>
<td>UPGRADEABLE</td>
<td>UPGRADEABLE</td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>USB 2.0 UPDATES ONLY</td>
<td>UPGRADEABLE</td>
<td>USB 2.0 UPDATES ONLY</td>
</tr>
<tr>
<td>HDMI</td>
<td>✔️</td>
<td>✔️</td>
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<td>3G-SDI</td>
<td>✔️</td>
<td>❌</td>
<td>✔️</td>
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<tr>
<td>RTSP/RTMP</td>
<td>✔️  (*30X ONLY)</td>
<td>✔️</td>
<td>✔️  (*30X ONLY)</td>
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<td>VISCA Control</td>
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<td>Storable Presets</td>
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<td>255</td>
<td>255</td>
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<td>PoE</td>
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<td>✔️</td>
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<td>Min Lux</td>
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<td>Wide Dynamic Range</td>
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<td>3D Noise Cancelation</td>
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<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>

* 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