PTZ-NDI-X20

Reducing camera operators to one!

PTZ cameras are the bread and butter of dynamic live production shots. It doesn’t matter where the PTZ is placed, this camera will see it all.

Equipped with 20x optical zoom, the PTZ-NDI-X20 has a plethora of camera features, ranging from camera control to simultaneous Full-HD Outputs to NDI|HX2.

This camera was made for broadcast application, huddle rooms, or houses of worship. When it comes to the PTZ-NDI-X20 to step up to the plate, we can guarantee you it will perform.

KEY FEATURES:

- 20X Optical Zoom
- NDI®
- HDMI
- FULL HD
- FULL HD
- VISCA
- STREAMING
- USB 2.0
- USB 3.0

APPLICATIONS:

- LIVE PRODUCTION
- WORSHIP
- VIDEO CONFERENCE
- EDUCATION
- THEATER

*NDI® is a registered trademark of Newtek, Inc.
MAIN FEATURES

- NDI®|HX2 streaming capable for low latency video streaming and PTZ control over NDI®|HX2 Protocol.
- Full HD Progressive Scan sensor captures sharp and vivid color under different light conditions.
- Advanced digital image processor provides vivid and detailed images with full access feature sets.
- Motion-compensated temporal noise reduction filter leads to effective noise reduction for motion video without blur.
- 3G/HD-SDI, HDMI, RJ-45, USB 3.0, and USB 2.0 for versatility and seamless video performance.
- Power Optical Zoom capability up to 20X.
- Compatible with other industry leading products, conforming with SMPTE 424M/292M standard.
- Auto White Balance and shutter speed provides the optimized performance in a variety of situations.
- Built-in OSD controls for customizable image settings.
- Versatile and compact.

SPECIFICATIONS

**VIDEO**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>1/2.85&quot; Progressive CMOS</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>Horizontal: 1920, Vertical: 1080</td>
</tr>
<tr>
<td>Pixel Size</td>
<td>2.13 μm (H) x 2.13 μm (V)</td>
</tr>
<tr>
<td>Resolution</td>
<td>1080p &amp; 1080i: 1920 x 1080</td>
</tr>
<tr>
<td>Resolution Rate</td>
<td>1080 60p/59.94p/50p/30p/29.97p/25p</td>
</tr>
<tr>
<td></td>
<td>720 60p/59.94p/50p/30p/29.97p/25p</td>
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<tr>
<td>IP Rate</td>
<td>1920 x 1080 @ 1~60</td>
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<tr>
<td></td>
<td>1280 x 720 @ 1~60</td>
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<tr>
<td>Output</td>
<td>HD-SDI/3G-SDI</td>
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<tr>
<td></td>
<td>HDMI</td>
</tr>
<tr>
<td></td>
<td>RTSP / RTMP / NDI®</td>
</tr>
<tr>
<td>Color Space</td>
<td>4:2:2 (YCbCr) 10bit</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>0.1Lux</td>
</tr>
</tbody>
</table>

**FUNCTION**

- Focus: Auto, Manual
- Shutter Speed: 1 to 1/10,000 Sec.

**LENS**

- Lens: 20X HD Optical Zoom, F1.5 ~ F3.0

**PTZ**

- Pan/Tilt Range: Pan: 340°, Tilt: +90 to -30°
- Pan/Tilt Speed: Pan: 0° to +120°/s, Tilt: 0° to +80°/s
- Presets: 128 Positions
- Field of View: 61°

**STANDARD**

- SMPTE: SMPTE 292M, SMPTE 424M
- Protocol: TCP/IP, RTSP/RTMP

**PHYSICAL**

- Camera Control: Protocol: VISCA
  Interface: RS-232C IN & OUT, RJ-45
- Remote Controller
- Operation Temp: 32°F - 104°F
- Dimension: 155mm x 160m x 170mm / 6.10" x 6.30" x 6.69"
- Weight: 1.35kg / 2.97lbs
- Power: 12VDC (+9 - +15VDC)
  PoE+ (IEEE802.3at Standard Required)

*Specification are subject to change without notice.

PACKAGE CONTENTS

- Remote Controller
- Camera Mounting Bracket
- USB 3.0
- Power Adapter & Cable

At ADIA Imaging, innovation is key to crafting our tried and tested quality imaging solutions. We strive to raise the bar by engineering and manufacturing cutting edge cameras and converters. From concept to reality, AIDA Imaging meticulously creates products that are applicable to various solutions, effective for the global user.