



EDUCATION
SOLUTIONS



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Let's learn about BirdDog in Education...

Over recent years we have relied on video to be an essential tool in the education sector. Students are now looking for a flexible and engaging educational experience.

With the demand for distance learning increasing, video has proven to be an excellent way to provide educational content to a wider audience.

Educational facilities can utilise video to not only facilitate remote learning but broadcast special events helping increase their online presence.

Video can help to increase student engagement and retention. It can expand the reach of educational institutions and in turn, attract new students in the future.

Read on to find out how BirdDog cameras are ideal for educational environments...

Let's compare cameras...

| | PF120 | X120 | P200 | P400 |
|---------------------------|-------------------|------------------------------|---------------------|---------------------|
| Video format | 1080p | | | 4K |
| Video outputs | HDMI / NDI / USB | HDMI / 3G SDI / NDI HX / USB | HDMI / 3G SDI / NDI | HDMI / 6G SDI / NDI |
| Network connectivity | Ethernet / POE+ | Wi-Fi / Ethernet / POE+ | Ethernet / POE+ | |
| Optical zoom range | 20x | | 30x | 20x |
| Lens aperture range | F1.5(W) – F3.0(T) | | F1.6(W) – F4.7(T) | F2.0(W) – F3.8(T) |
| Front filter thread | 49mm | | N/A | |
| 5 year warranty | YES | | | |
| Ideal for lecture capture | YES | | | |



PF120

PF120

Block Camera



20x OPTICAL ZOOM

49mm FILTER THREAD

USB 2.0 - UVC COMPLIANT

COMPACT FORM FACTOR

Although this camera doesn't have full Pan or Tilt motors, the PF120 still features all the amazing features you have come to expect from BirdDog cameras. Sony Exmor R back-illuminated sensor, Full NDI®, with a 20x optical zoom, and a complete colour matrix all housed in a full metal enclosure.

Unlike some of the larger PTZ cameras from BirdDog, this block camera features additional USB 2.0 output connectivity, making it a superb addition to any Teams, Zoom room, or broadcast-quality webcam.

The output is UVC compliant meaning no drivers are required, giving even wider flexibility. There's also an HDMI output that is live simultaneously alongside NDI® and USB.

Audio connections are via dual 3.5mm Stereo jacks that can also be used with BirdDog Comms Software for bidirectional comms support.



X120

X120

Wi-Fi Production HD PTZ

Wi-Fi AC CONNECTIVITY

20x OPTICAL ZOOM

USB 2.0 - UVC COMPLIANT

IP & HARDWIRED OUTPUT



The World's First Wi-Fi Production PTZ has arrived, delivering unprecedented flexibility and freedom, with no video cables needed. This allows cameras to be deployed in hard-to-reach areas not covered by the wired building infrastructure. With an additional V-Lock battery mount available it can be a fully wireless solution.

X120 packs an amazing Sony Exmor R image broadcast sensor to deliver fantastic low-light capabilities and incredible picture performance. There's an OLED display to show the IP address and video output

format, 360° mohawk tally, front filter thread, and free auto-tracking and colour shading via BirdDog's Cam Control Software. X120 also offers four hardwired connection options along with Wi-Fi making it the most connected PTZ camera on the planet.

Additional connection options include ND|HX over Ethernet, SDI, HDMI, and UVC USB for connecting to Zoom & Teams. With an included audio breakout cable providing BirdDog Comms compatibility, the X120 delivers production freedom like never before.



EYES P200

EYES P200

Full NDI PTZ Camera

30x OPTICAL ZOOM

TRIPLE VIDEO OUTPUTS

ADVANCED COLOUR MATRIX

EDUCATIONAL DISCOUNT AVAILABLE



Currently available with an educational discount the P200 is ideal for lecture capture and distance learning as the HD image quality of the P200 is best in class.

Featuring BirdDog's full-colour matrix, it can be fine-tuned to your environment, allowing for multi-camera set ups and thus elevating your productions up to the broadcast quality users expect.

By teaming up a Sony CMOS Backlit Sensor, and a true Sony Image Module, the P200

has lightening autofocus, incredibly sharp images, and insanely fast zoom control. P200 has frame rates up to 1080p60, 30x optical zoom, and features independent, live triple outputs in SDI, HDMI and Full NDI®.

Due to the extended 30x zoom range of the P200, it allows users to get up close and personal with whatever the subject matter, whether that's in a traditional presentation or lecture environment up to larger theatre or performance spaces.



EYES P400

EYES P400

4K NDI PTZ Camera

4K 4:2:2 COLOUR SUBSAMPLING

SUPER FINE ROBOTOCs

20x ZOOM & TRIPLE VIDEO OUTPUTS

BUNDLE DEALS AVAILABLE



Currently available in various bundle deals, the P400 is a 4K PTZ camera ideal for higher-resolution image acquisition.

The larger 4K image sensor improves low light performance, and along with the 20x optical zoom, it offers a bright F2.0 aperture lens. With a highly granular, super smooth and fast zoom, it allows for the transition from wide to tele and to recall pre-set positions quickly and quietly. As with most BirdDog cameras, the P400 features independent, live triple outputs in 6G-SDI,

HDMI and Full NDI®. If partnered with BirdDog's Cam Control software, users can engage the Free Auto tracking feature to allow autonomous tracking of subjects within your controlled educational environment. Body and face-framing can be selected for basic tracking – all for free!

BirdDog's open API protocol allows for integration into larger control systems with ease to allow Pre-set positional data recall, up to advanced camera shading. All controls are available for full flexibility.



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