



\$1495  
USD



## BirdDog | EYES P100

### Your entry into the world of NDI®.

Built on BirdDog's custom NDI® silicon chip, the P100 PTZ camera is your entry into the world of full NDI®. Featuring frame rates up to 1080p60, 10x optical zoom, and dual SDI and NDI® outputs, P100 gives you professional level quality, performance, and total flexibility. 3.5mm audio connectors allow P100 to work with BirdDog Comms, the world's first NDI® audio intercom platform.

#### Full NDI®.

In the world of NDI® there are two flavours, NDI® and NDIHX. NDI® is a variable bit rate, I-Frame codec that reaches around 140Mbps at 1080p60 and is visually lossless. NDIHX is a compressed, long-GOP, H.264 variant that reaches around 12Mbps at 1080p60. Mini hardware only uses Full YUV422 NDI®.

#### Broadcast Sensor.

P100 is teamed up with a true broadcast camera sensor with the BirdDog custom NDI® chip to form a match made in silicon heaven. Champagne images on a beer budget because your productions deserve the best.

#### NDI® and SDI.

With NDI® and SDI simultaneous outputs you can use the P100 is ready to go live with your full NDI® workflow, or if you are still in an old school SDI workflow you can control via RS422, RS485, and RS232. Future proof your investment by using baseband video now and move to NDI® when you are ready.

#### Tiny Footprint.

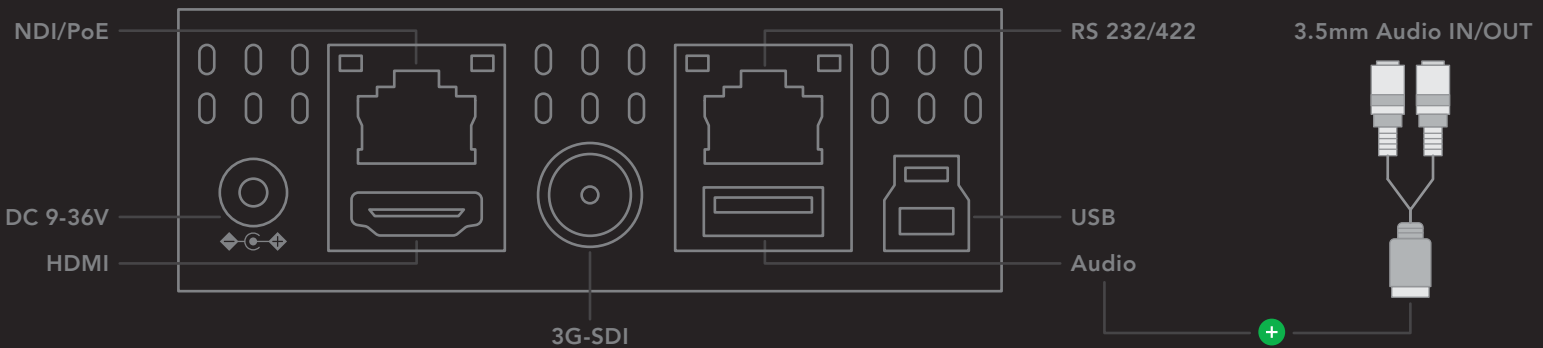
P100 is incredibly small with a diameter of just 145mm / 5.7 inches making it perfect for courtrooms, boardrooms, classrooms, and any application where you need a small, yet powerful, PTZ camera.

#### Extreme Speed. Optics done right.

Lightning auto focus. Insanely fast zoom. Precision optics. P100 has been engineered to meet the most demanding situations whether you are in a boardroom streaming your quarterly results, producing a live event for your church, or live streaming sports.

#### PTZ Keyboard. Take control.

Combine P100 with the BirdDog PTZ Keyboard and you have total control of all functions remotely. PTZ Keyboard is a full featured controller that can control up to 255 PTZ cameras and can control P100 over NDI® or by RS422 / RS232 when using in SDI mode.



## Product Specifications

### Camera

**Image Sensor:** 1/2.86" CMOS 2.2MP  
**Lens:** 4.7 - 47mm  
**Optical Zoom:** 10x  
**Digital Zoom:** 12x  
**Horizontal Angle of View:** 60.9° (W) – 6.43° (T)  
**Aperture:** F1.6 (W) – F3.0 (T)  
**Min. Illumination:** 0.5 lux  
**Shutter Speed:** 1/1 – 1/30000s  
**Focus:** Auto, Push, Manual  
**White Balance:** Auto, Indoor, Outdoor, Manual, OPW, ATW  
**Exposure:** Auto, Manual, Shutter/Iris Priority  
**Backlight Compensation:** YES

### Mechanical

**Pan Movement:**  
 Horizontal: ±350° continuous pan (Zoom Adaptive Speed Range: 0.05°~100°/S)  
**Tilt Movement:**  
 Vertical: +90° to -30° (Zoom Adaptive Speed Range: 0.05°~72°/S)  
**Preset Positions:** 128  
 (Speed adjustable: Up to 150°/s)  
**Preset Speed:** 0-5 Level adjustable  
**Environmental:** Indoor  
**Operating Temp.:** -10 – +50 (°C)  
**Operating Humidity:** ≤80%  
**Video Interface**  
**Video Output:** NDI/HDMI/3G-SDI  
**Video Formats:** 1080p 60, 59.94, 50, 29.97, 25  
 1080i 60, 59.94, 50 • 720p 60, 59.94, 50, 29.97, 25

### Audio I/O: 3.5mm Audio In (Stereo)

3.5mm Audio Out (Stereo)  
**Control Interface**  
**IP PTZ Control:** NDI Control (auto configuring)  
**Serial PTZ Control:** 1x RJ45: RS232/RS422  
**Serial Control Protocol:** VISCA / Pelco D  
**Power & Dimension**  
**Power Input:** 12v DC, PoE + (IEEE 802.3at)  
**Dimensions:** 145x145x154mm  
**Weight:** 1.0Kg  
**Network**  
**Video Compression:** Full NDI – i-frame high quality low latency NDI for production  
**Network Protocol:** NDI – Discovery, configuration and control  
**Web Control interface:** Full control via Web/Mobile UI inc. Scene presets