



\$2495
USD

BirdDog | EYES P200

NDI® is never looked so good.

Designed for serious production the image quality of P200 is best in class. By teaming up BirdDog's custom NDI® silicon chip, a Sony CMOS Backlit Sensor, and a true Sony Image Module, P200 has lightening auto focus, incredibly sharp images, and insanely fast zoom. P200 has frame rates up to 1080p60, 30x optical zoom, and features independent, live triple outputs in SDI, HDMI and Full NDI®.

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. P200 is a Full NDI® camera.

NDI®, SDI & HDMI.

With NDI®, SDI, and HDMI simultaneous outputs the P200 is ready to go live with full NDI® today or can be used as a traditional SDI/HDMI camera. You can rest easy in the knowledge that P200 has you covered for all workflow situations.

Sony Sensor.

The best pictures come from the best silicon. P200 teams up a world class Sony CMOS Backlit Sensor with the BirdDog custom NDI® chip to form a match made in silicon heaven. Your productions deserve the best.

Sony Image Module.

Lightning auto focus. Insanely fast zoom. Precision optics. The only way to achieve the best picture quality is with image module made by the world's best. P200 uses a true Sony image module to give unparalleled performance, picture quality, and responsiveness.

30x Optical zoom.

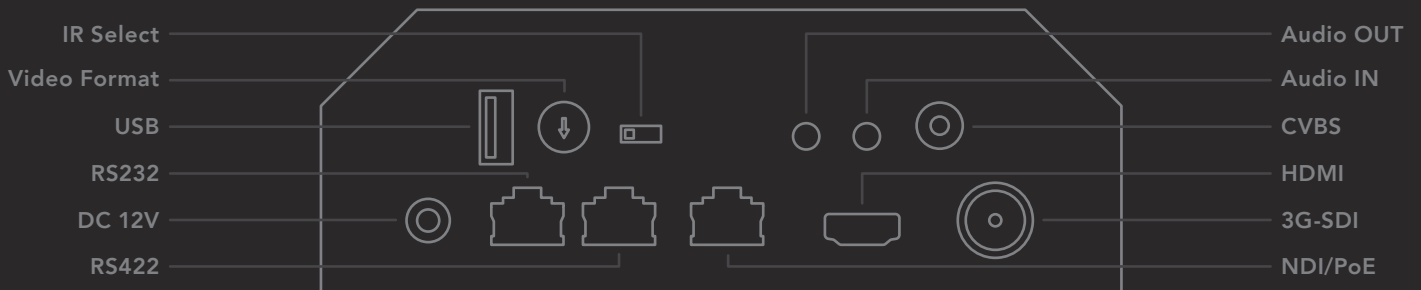
Never miss a shot again. 30x optical zoom brings the whole world to you. Now you can zoom in to the other end of a football game and stay locked in on the action. The incredible optical zoom function makes P200 perfect for sports such as football, baseball, hockey, ski fields, basketball, soccer, and more.

PoE or DC.

P200 can be powered by Power over Ethernet (PoE) or from the included power adapter.



BOLIN



Product Specifications

Camera

Image Sensor: 1/2.8" CMOS 2.13MP

Lens: 4.3-129mm

Optical Zoom: 30x

Digital Zoom: 12x

Horizontal Angle of View:

63.7° (W) – 2.3° (T)

Aperture: F1.6 (W) – F4.7 (T)

Min. Illumination: Color: 0.01 lux (F1.6, AGC on, 1/30s, High sensitive mode), 0.1 lux (F1.6, AGC on, 1/30s, Normal sensitive mode)

Shutter Speed: 1/1 – 1/10000s

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°~50°/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: 2x RJ45: RS232/RS422/RS485

Serial Control Protocol: VISCA / Pelco D

Power & Dimensions

Power Input: 12v DC, PoE + (IEEE 802.3at)

Dimensions: 160x178x220mm

Weight: 2.0Kg

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



BirdDog | PTZ KEYBOARD

World's first NDI® PTZ Controller.

BirdDog PTZ Keyboard is a full featured PTZ Keyboard that supports NDI®, NDIHX, Visca over IP, RS422, and RS232. By harnessing BirdDog's next generation NDI® and IP technology, it's never been easier to discover, connect, and control your PTZ cameras. Featuring superior ergonomics, premium buttons and joystick, all in a beautiful form factor this is the PTZ controller you have been waiting for.

Mix and Match protocols.

Never before has a PTZ controller been so flexible. PTZ Keyboard is the world's first PTZ controller with NDI® and NDIHX support. Along with NDI® there is support for Visca over IP, RS422, and RS232. You can mix and match any of the supported protocols and control them from a single PTZ Keyboard.

Superior Ergonomics.

Using the PTZ Keyboard is a breeze with well thought out button layout. Quickly access all the cameras on the network, and set up quick access buttons for your favourite settings like Exposure, Focus, Zoom, and movement speeds.

3-Way Joystick.

Effortless, one handed control of Pan, Tilt, and Zoom is possible with the 3-Way Joystick. For those who prefer a zoom rocker there is also one of those exactly where your left hand wants it.

Soft touch buttons.

Your fingers will thank you for using the PTZ Keyboard. Soft-touch silicon buttons and easy turn dials give a premium sensation while achieving the responsiveness you expect and deserve.

Control 255 cameras.

Designed to control up to 255 PTZ cameras on a single network, PTZ Keyboard can scale to even the most complex installations.

6 program buttons.

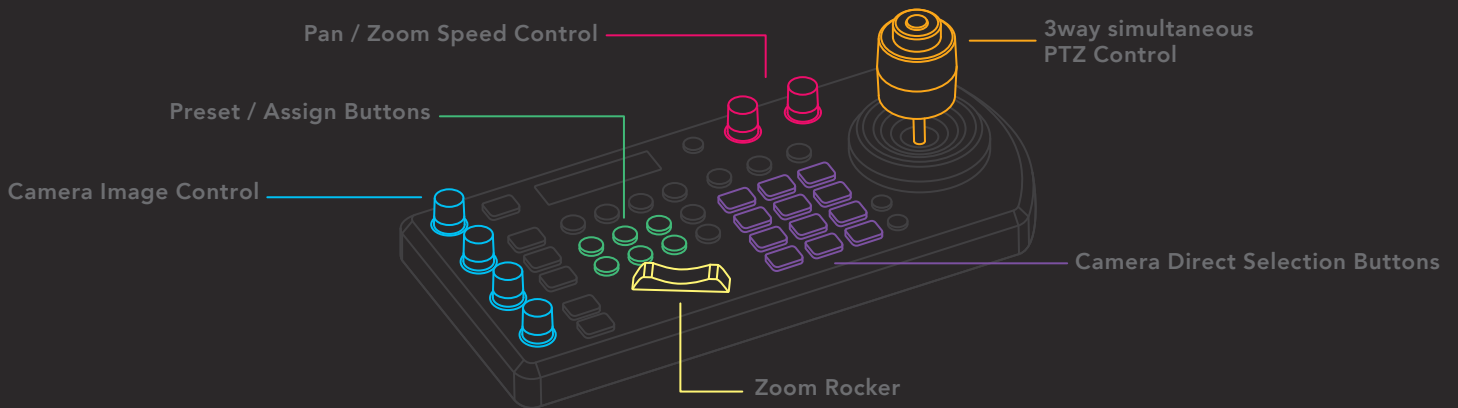
Set up your quick access buttons to work the way you want. Exposure, Focus, PT Speed, Zoom, Shutter Speed, Iris, White Balance, Compensation, and more, can all be programmed into the assignable buttons.

PoE or DC.

P200 can be powered by Power over Ethernet (PoE) or from the included power adapter.



BOLIN



Product Specifications

Input/Output Connectors

Control Input/Output

LAN: RJ45 x1 (With PoE) 100 BASE-TX

RS232: RJ45 x1 • **RS422:** RJ45 x2

Audio: Analog 3.5mm Mic/Headphone

Control signal format

NDI® Control

VISCA over IP

RS 232/RS422: Baud Rate

2400/4800/9600/19200/38400

User Interface

Display: LED

Speed control: Yes, 2 knobs (pan/tilt, zoom)

Zoom rocker: Yes

Joystick zoom ring: Yes

Programmable function buttons: 6

Camera Control

Maximum camera control: Max. 255 with multiple protocols including NDI/IP

Maximum serial connections

RS232: 7

RS422: 7 x 2 (A/B)

Key/Button illumination: Multi-colour LED

Buttons

Exposure Selection: Yes, Button

One push White balance: Yes, Button

Backlight control: Yes, Button

Display status of WB, Iris, Gain, Shutter, Focus: Yes

White balance model selection: Yes, Button

R, B, Gain: Yes, Knob

Iris Adjustment: Yes, Knob

Shutter Speed: Yes, Knob

Focus model selection: Yes, Button

One push auto focus: Yes, Button

Manual focus: Yes, Knob

General

Power input: DC 12V, PoE (Power over Ethernet), Power via RS232/RS422 port

Power: 3W

Operating Temp: 0 - 40 °C

Dimensions: 278x132x99.5

Notes:

Not all features are available on all control protocols.