



BirdDog | P200

NDI® has 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.

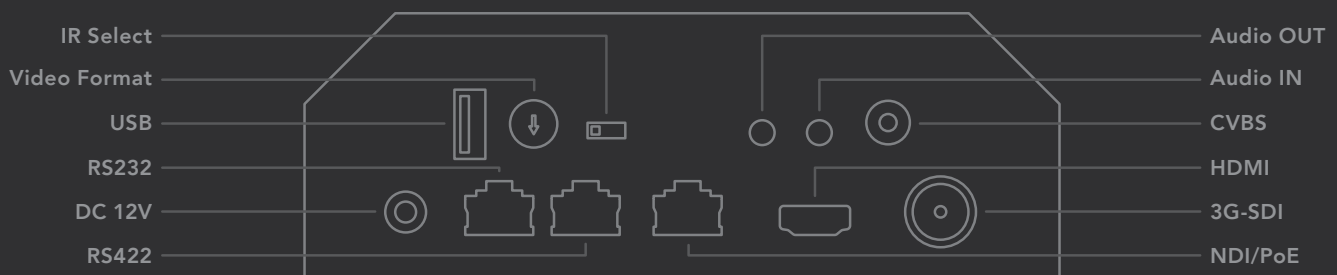
Never miss a shot again. 30x optical zoom brings the whole world to you. Now you can zoom in to the other end of a football game and stay locked in on the action. The incredible optical zoom function makes P200 perfect for sports such as football, baseball, hockey, ski fields, basketball, soccer, and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

PoE or DC.

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



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Product Specifications

Camera

Image Sensor: 1/2.8" CMOS 2.13MP
 Lens: 4.3-129mm
 Optical Zoom: 30x
 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: ±175° pan (Zoom Adaptive Speed Range: 0.05° to 100°/s)
 Tilt Movement: Vertical: +90° to -30° (Zoom Adaptive Speed Range: 0.05° to 50°/s)
 Preset Positions: 128
 (Speed adjustable: Up to 150°/s)
 Preset Speed: 0-5 Level adjustable
 Environmental: Indoor
 Operating Temperature: -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
 Audio I/O: 3.5mm Audio In (Stereo)
 3.5mm Audio Out (Stereo)

Control Interface

IP PTZ Control: NDI Control (auto configuring), VISCA IP
 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 includes Scene Presets