

Link do produktu: <https://winmar.pl/birddog-p240-full-ndi-ndihx2-and-hx-ptz-camera-p-176045.html>



BirdDog P240 Full NDI, NDI|HX2 and HX PTZ Camera

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|-------------|----------------------|
| Cena brutto | 18 499,00 zł |
| Cena netto | 15 039,84 zł |
| Dostępność | Na zamówienie |
| Producent | BirdDog |

Opis produktu

BirdDog P240 Full NDI, NDI|HX2 and HX PTZ Camera

- Building upon the NDI® PTZ category defining P200, the all new P240 introduces an updated Sony Exmor R broadcast sensor to deliver increased light sensitivity and best in class image quality and performance. P240 offers three output options including NDI®, SDI, and HDMI for ultimate video flexibility while Balanced XLR audio adds professional audio connections. IP output options include multiple flavours of NDI® including Full NDI®, NDI®|HX2, and HX3, SRT, and h.264, whilst BirdDog Cloud 3.0 integration unlocks globally connected remote productions. Free Auto-Tracking, FreeD output for AR/VR workflows, and additional features comprising an OLED display to show the IP address, 360° mohawk tally, filter thread, safety anchor point, and carry handle make P240 the best choice for live productions. And yes, the cameras support NDI® 5.5 natively.

BirdDog Dashboard with Heads Up Display

The P240 features a comprehensive interface that provides system statistics such as the number of active connections, current bandwidth usage, and network traffic, and presented in an intuitive way to give users valuable insights at a quick glance.

RUDP

Support for Reliable User Datagram Protocol reduces overall network load as not every packet needs to be acknowledged by every receiver. RUDP has error correction built in for smoothness and maximum reliability.

NDI Genlock

With NDI Genlock, users can select an NDI source to be the timing master to provide more predictable timing in multi camera environments.

FreeD

FreeD is a protocol for sending PTZ positioning data to AR/VR systems including Unreal Engine, Brainstorm, Vizrt's Viz Virtual Studio, and many more. The P240 supports FreeD built directly into The Dashboard.

NDI Video Scopes

The P240 cameras can generate scopes in-camera to send out as NDI, NDI Proxy, or both. This allows for monitoring scopes on the NDI Proxy while sending a clean main NDI feed simultaneously. Users can choose from Histogram, Waveform, Vectorscope, or RGB Parade and the position on the NDI stream.

360° Mohawk Tally

Innovative new Mohawk Tally gives a full 360 degree view to eliminate the guesswork of which camera users need to be talking to.

Unique Numbering System

Removable silicon numbers at the back of the P240 give additional Tally vision and allow switcher operators to easily identify cameras.

OLED Display

Convenient OLED displays allow for information such as IP Address, Device Name, Stream Name, Resolution, and Frame Rate. This feature can also be accessed in The Dashboard.

Most Formats Now Supported

Along with Full NDI, the P240 will soon support a significant number of formats including NDI|HX2, NDI|HX3, SRT, H.264 for low bandwidth requirements.

Globally Connected

No computers needed By adding a BirdDog Cloud subscription, users can now access the PTZ cameras and all features from anywhere in the world with no additional computers needed on the camera side.

Sophisticated Colour Tools

The P240 hosts an expansive set of colour tools. With 64 levels of saturation and hue control over red, green, blue, cyan, yellow, and magenta, users can shade and match P240 cameras like a professional colourist.

FREE Cam Control

The BirdDog Cam Control app offers simple, user-friendly features for dialing in to BirdDog cameras. Simply load on a Windows 10 machine on the same network as the BirdDog cameras and access all functions of the camera through a beautiful interface. Quickly dial in the look you like and copy settings across multiple cameras in seconds. And it is free with all BirdDog cameras.

Specyfikacja

CAMERA

IMAGE SENSOR

1 / 2.5 inch CMOS 8.5MP

LENS

4.4-88.4mm

OPTICAL ZOOM

Up to 40x *

SRZ (Super Resolution Zoom)

40x in Full HD

HORIZONTAL ANGLE OF VIEW

70.2° (W) – 4.1° (T)

APERTURE

F2.0 (W) – F3.8 (T)

MIN. ILLUMINATION

Color: 0.4lux (1/30s, 50%, High Sensitivity mode On), 1.6lux (1/30s, 50%, High Sensitivity mode Off),
0.06lux(1/4s(1/3s),50%, High Sensitivity mode On)

SHUTTER SPEED

1/1 – 1/10000s

FEATURES

Visibility enhancer, Black & White, E-Flip, Mirror, Colour enhancement, Black level, gamma, Colour/Hue Adjust, HLC, Colour Bar

IMAGE STABILIZER

YES

COLOR GAIN

Yes (15 steps)

COLOR HUE

Yes (15 steps)

GAMMA

Standard, Straight, 512 pattern

GAMMA LEVEL

Yes (15 steps)

BLACK LEVEL

Yes (97 step) – Flicker Cancel: Yes

NOISE REDUCTION

On/Off (level 5 to 1/Off, 6 steps), 2D/3D

S/N RATIO

≥50db

FOCUS

Auto Focus (Trigger/Interval), Manual Focus (Variable Speed),
One Push Trigger, Near Limit

WHITE BALANCE

AUTO, ATW, Indoor, Outdoor, One Push WB, Manual WB,
Outdoor Auto, Sodium Vapor Lamp (Fix/Auto/Outdoor Auto)

EXPOSURE

Full Auto, Gain, Gain Limit, Shutter Priority, Iris Priority,
Manual, Bright, Slow Shutter, Max/Min Shutter Limit, Slow AE

BACKLIGHT COMPENSATION

YES

*(When running in native scan mode)

MECHANICAL

PAN MOVEMENT

Horizontal: $\pm 175^\circ$ (Zoom Adaptive Speed Range:
 $0.05^\circ \sim 100^\circ/\text{s}$)

TILT MOVEMENT

Vertical: $+90^\circ$ to -30° (Zoom Adaptive Speed Range:
 $0.05^\circ \sim 50^\circ/\text{s}$)

PRESET POSITIONS

128 (Speed adjustable: Up to $150^\circ/\text{s}$)

ENVIRONMENTAL

Indoor

OPERATING TEMPERATURE

-10 - +40 (°C)

OPERATING HUMIDITY

≤80%

TALLY DISPLAY

Bi Colour Full overhead and rear (w/included 0-9 number silicon plugs)

ONBOARD OLED DISPLAY

5-line, RGB Color, Graphical

VIDEO INTERFACE

VIDEO OUTPUT

NDI/HDMI/3G-SDI

HD VIDEO FORMATS

1080p 59.94, 50, 29.97, 25, 23.97 1080i 59.94, 50 • 720p 59.94, 50

HDMI Colour Space:

YCbCr, 4:2:2 12bit

SDI Colour Space:

YCbCr, 4:2:2 10bit

ANALOGUE AUDIO I/O

IN: balanced XLR (via breakout cable) with 48V Phantom power, unbalanced 3.5mm TRS (stereo)

OUT: balanced XLR (via breakout cable), unbalanced 3.5mm TRS (stereo)

AUDIO OUTPUT

Embedded with main HDMI, 24bit

Embedded with SDI, 24bit

Embedded with NDI

CONTROL INTERFACE

IP PTZ CONTROL

NDI Control (auto configuring), VISCA IP

SERIAL PTZ CONTROL

2x RJ45: RS232 / RS422 Connectors

SERIAL CONTROL PROTOCOL

VISCA / PELCO D

POWER & DIMENSIONS

POWER INPUT

12v DC, PoE+ (IEEE 802.3at)

POWER CONSUMPTION

22.5W (PTZ move simultaneously)

DIMENSIONS

163x199x231mm

WEIGHT

2.395kg

NETWORK

VIDEO COMPRESSION

Full NDI – i-frame high quality low latency NDI for production
h.264 long-GOP (Limited resolution support)

NETWORK PROTOCOL

NDI – Discovery, configuration, and control

NDI | HX2*

SRT*

Cloud Connect*

RTSP*

RTMP*

WEB CONTROL INTERFACE

Full control via Web/Mobile UI including Scene presets

OPTIONAL MOUNTS

Ceiling mount, Wall mount

*Coming soon with free firmware update.