

Link do produktu: <https://www.wamm.pl/birddog-p4k-black-4k-10-bit-full-ndi-ptz-with-1-sony-sensor-p-2783.html>



BirdDog P4K Black. 4K 10-Bit Full NDI PTZ with 1" Sony Sensor

Cena brutto	43 623 zł
Cena netto	35 466 zł
Dostępność	Zapytaj o dostępność
Numer katalogowy	BDP4K
Kod producenta	BDP4K
Producent	BirdDog

Opis produktu

BirdDog P4K Black. 4K 10-Bit Full NDI PTZ with 1" Sony Sensor

Reap the benefits of NDI without compromising on resolution with the **P4K UHD 4K PTZ Camera with NDI, HDMI & 6G-SDI Output** from **BirdDog**. Optimized to provide you with an efficient way of getting UHD 4K video into your productions, this black P4K connects to systems, devices, and applications that support NDI via only an Ethernet connection. Simply plug in your Ethernet cable on the back to connect to your network, and the camera instantly receives Power over Ethernet (PoE) and becomes available as an input source for any NDI-compatible hardware or software on the network.

Equipped with a 1" Sony Exmor R 14.2MP CMOS sensor and a 9.3-111.6mm lens, this camera captures video at resolutions up to 3840 x 2160 at 30 fps in a 64.6 to 6.1° field of view. In addition to 12x optical zoom, the P4K provides up to 18x digital zoom at 4K or up to 24x digital zoom at Full HD. The integrated pan/tilt system allows for ±350° continuous panning and 120° tilting at up to 100° and 50° per second respectively. Focusing can be performed manually or set to automatic. In addition to NDI, the camera offers HDMI and dual 6G-SDI interfaces.

Features:

- 1" Sony Exmor R backlit 14.2MP CMOS sensor
- Delivers UHD 4K resolution via Full NDI, HDMI 2.0, and two 6G-SDI outputs
- Supports 10-bit workflows—NDI feeds can be recorded using free tools such as NewTek NDI Monitor or IsoCorder Pro
- Genlock input for synchronizing multiple cameras
- Adjustable pan and tilt speeds for capturing drama, high action, and anything in between
- Front, rear, and side tally lights combine to create a 360° tally light so everyone on the production set can see which camera is live
- Selectable gamma settings
- Black gamma adjustment
- ePTZ enables you to pull out a Full HD frame out of the UHD 4K image
- Includes Comms Lite Audio Intercom software (optionally upgradable to Comms Pro)
- Suitable for use in broadcast applications (sports, remote studios, newsrooms, etc.)

Specyfikacja Techniczna

CAMERA

Image Sensor:

1.0-type back-illuminated Exmor R CMOS sensor

Number of effective pixels:

14.2 Megapixels

Picture elements:

3840 x 2160, 8.29 Megapixels

Lens:
Optical, 12X

Digital Zoom:
Digital Zoom 12X, with SRZ feature, 18X zoom at 4K, or 24X zoom at FHD.

Horizontal Angle of View Focal Length:
64.6° (Wide) – 6.1° (Tele),
f=9.3 to 111.6mm, F2.8(Wide), F4.5(Tele)

Min. object distance:
80mm (Wide), 1000mm (Tele)

Aperture:
F2.8 Constant (W)~(T), 16 Steps

Min. Illumination:
0.5 lx (1/30 sec, 50%, High Sensitivity mode On)
2.0 lx (1/30 sec, 50%, High Sensitivity mode Off)
0.067 lx (1/4 sec (1/3 sec), 50%, High Sensitivity mode On)
0.267 lx (1/4 sec (1/3 sec), 50%, High Sensitivity mode Off)

Shutter Speed:
1/10000s to 1/8 (59.94/29.97)

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

Features:
High Sensitivity, Defog mode, Backlight Compensation, HLC,
E-FLIP, Mirror, Flicker Control, Day/Night, Defog

WDR:
YES(130dB)

ND Filter:
YES

Image Stabilizer:
YES

Color Gain:
Yes (15 step)

Color Hue:
Yes (15 step)

Gamma:
Standard/Straight/MOVIE/STILL/CINE1/CINE2/CINE3/CINE4/ITU709/Pattern

Gamma Level:
Yes (15 step)

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

MECHANICAL

Body Color:
Black, White

Pan Movement:
Horizontal: ±350 degrees continuous pan (Zoom Adaptive Speed Range: 0.05°~100°/S)

Tilt Movement:
Vertical: +90 degrees to -30 degrees (Zoom Adaptive Speed Range: 0.05°~50°/S)

Preset Position:
0~5 Level Adjustable

Preset Speed:
0~5 Level Adjustable

Preset Memory:
YES, (Picture Profile Preset-Preset Memory for image parameters)

Quietness:
45db

Home Position:
Supported

Environmental:
Indoor

VIDEO INTERFACE

VIDEO OUTPUT
NDI/HDMI/6G-SDI

4K VIDEO FORMATS
4Kp 30, 29.97, 25, 23.98, 24

HD 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 (Mono)
3.5mm Audio Out (Stereo)

INTERFACE

4K Video Output:
Main 4K HDMI Type-A (x1)
6G-SDI (x2) or Dual Link 3G-SDI(2SI only) x2

HD Video Output:
Main HD HDMI Type-A (x1)
3G-SDI x2

HDMI Color Space:
YCbCr, 4:2:2 RGB, 4:4:4

NDI Video Encode:
Full bandwidth NDI

NDI Version:
NDI v4.0 (Firmware upgradeable)

IP Video Stream:

UP to 4K/30 and 1080p60

Camera Control Interface:

RS232/RS-422/RS485(RJ45 x2), NDI/IP Control (RJ45), IR Remote Control

Control Protocol:

NDI, VISCA, VISCA Over IP

LAN:

RJ45X1(1000Mb), NDI/IP video streaming, System upgrade, PoE(IEEE802.3bt)

External Sync. Input:

BNCX1, 75Ω, HD 3-level sync, SD Black Burst

Audio I/O:

Audio input x1, Audio output x1, 3.5mm audio jack

Audio Output:

Embedded with main HDMI, 24bit Stereo

Embedded with SDI, 24bit Stereo

Embedded with NDI

Tally Light:

Front and Back

ENVIRONMENTAL

Mount:

Ceiling mount, Wall mount, Tripod

Operating Temperature :

-10 to +40 (°C), 32 to 104 (°F)

Operating Humidity:

≤80% Suitable for Use

Power Input:

12VDC, PoE++ (IEEE 802.3bt)

Power Consumption:

22W

Max Power Draw:

37.96W

Dimension:

165x196x247mm

Weight:

3.4kg

Rejestracja produktów BirdDog

Aby zarejestrować produkt firmy Bird-Dog skorzystaj z linku.

[Link do rejestracji produktów Bird-Dog](#)