



BirdDog X5 Ultra

ProdCode: BDX5W

4K60 Production PTZ Camera featuring NDI® | HX3, NDI® | HX2/3 Decoder, 12G-SDI, advanced mechanical drive, 2x e-ink display and HALO Tally - White



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Features

- 4K60 Production PTZ Camera featuring NDI® | HX3, NDI® | HX2/3 Decoder, 12G-SDI, advanced mechanical drive, 2x e-ink display and HALO Tally
- 4K Brilliance: X5 Ultra features next-level image quality with the latest Sony image sensor, ensuring stunning visuals for every production
- Halo Tally: X5 Ultra sports the most visible and effective Tally system available. Up front, with a large, daylight-visible border keeping talent looking directly at the camera
- AI Tracking: X5 Ultra steps up AI capabilities with advanced motor control and subject tracking for more natural and predictable movement
- NDI® | HX3: X5 Ultra has the highest possible NDI® HX3 performance, even in 4K60. Superior image quality and low latency are guaranteed
- NDI® | HX Decoder: A simpler, integrated solution that makes it so much easier to incorporate a teleprompter, return feed, or confidence monitoring
- Always-on dual e-ink label: Easily load camera details, name, and IP address for faster set-up, in-production management, and crew communication
- Dual Network Output: X5 Ultra combines NDI HX and SRT/RTMP protocols for seamless, on-premises and remote/CDN connectivity, ensuring ultimate flexibility in both streaming set-ups and distribution
- Serial Control: Take control effortlessly with older control protocols,

seamlessly integrating with your existing infrastructure

- USB Webcam: X5 Ultra features USB-C for connecting directly to Zoom, Teams, and most apps that support a USB UVC input
- Control support. The X5 Ultra ships with its own IR remote, plus hardware control support for BirdDog PTZ Keyboard, Skaarhoj, and more
- BirdDog Apps. X5 Ultra is compatible with BirdDog Central and BirdDog Cloud

X5 Ultra. In every way.

Productions are demanding; the X5 Ultra makes demanding a walk in the park. Featuring unparalleled capability, quality, and performance – take your PTZ game up a notch with X5 Ultra.

Imagine next-level robotic controls with ultra-fine and precise movement thanks to its category-busting advanced motor drive system. Movements on air are a breeze, and acceleration/deceleration of moves look natural and slick. Sporting BirdDog's signature Halo tally system for true audience engagement, revolutionary built-in NDI® decoding*, all the video connectors, including 12G-SDI, dual e-ink displays make branding and maintenance a snap, all wrapped up with a stunning Sony 4K60 image sensor delivering the highest performance NDI® | HX3 possible. X5 Ultra. In every way.

*NDI | HX2 and NDI | HX3 supported.

Halo Tally. A higher order of visual queue.

Professional results need professional tools. The X5 Ultra sports the most visible and effective Tally system available. Up front, with a large, daylight-visible border keeping talent looking directly at the camera. Your cast and crew will always know where to look, keeping your audience engaged.

AI Tracking. Built for now and the future.

We aren't playing catch-phrase bingo here. X5 Ultra takes AI auto-tracking and framing to the next level. Featuring an order of magnitude more neural processing capabilities, the out-of-the-box X5 Ultra has incredible AI powers but also the headroom to grow as AI progresses. Magic.

NDI® | HX3. Performance meets convenience

The X5 Ultra delivers superior network performance via our implementation of NDI® | HX3. Significantly reducing network impact while maintaining excellent image quality, meaning it is more friendly in more network environments. BirdDog's NDI® | HX3 surpasses certification parameters, delivering quality and performance you can count on.

Connectivity for days.

Video productions all look different. We love NDI® because it allows a single network cable to operate everything, but sometimes it makes sense to take a different path. X5 Ultra makes this a snap. In a world of compromise, the X5 Ultra stands proud. With 12G-SDI output, dual HDMI outputs, multiple network formats, including NDI® | HX3, SRT, RTMP and RTSP, Webcam connectivity over USB, however you work and whatever demand in quality you have, X5 Ultra has got your back for today's production... and tomorrow's!

Integrated NDI® | HX Decoder. It can't get much more convenient!

The X5 Ultra is part of the family of PTZ cameras featuring the first simultaneous NDI® | HX* Decoder designed specifically for confidence monitoring, return feeds, or teleprompter usage. We've pulled all this connectivity into a single cable, radically simplifying how you interface with your equipment. Less gear. Less hassle. Less complexity. Whether you're broadcasting live or delivering a CEO address, the integrated NDI® | HX decoder enables more engagement with less setup.

*NDI® | HX2 and NDI® | HX3 supported.

E-ink Label. Get Inked.

The dual, always-on e-ink labels on the X5 Ultra are a game-changer. From network addresses for easy access to controls to customisable logos* to complement your brand image, this cool feature ensures that your set-up is clear and each camera is easily identifiable even when the power is off.

*Coming soon

Specifications

- **Dimensions:** 185.7 x 171.9 x 200.90mm
- **Image Sensor:** Sony 1/2.8" CMOS - ULTRA HD
- **NDI:** NDI® | HX2, NDI® | HX3
- **Output:** 12G-SDI, HDMI 2.0, HDMI 1.4, USB-C UVC, 1Gb Network
- **Preset:** 128 presets, Speed Adjustable
- **Protocol:** VISCA Baud Rate: 38400/9600/4800/2400, VISCA-IP, NDI®
- **Remote Control Interface:** 1GbE Ethernet, RS232 (input & output), RS422, TYPE-C(UVC1.1)
- **Video Format:** 2160p @ 60, 59.94, 50, 30/29.97/25fps, 1080p @ 60, 59.94, 50, 30/29.97/25fps, 720p @ 60, 59.94, 50fps
- **Weight:** 2.31kg
- **Zoom:** Optical: 20x