



BirdDog X1 Ultra

ProdCode: BDPX1UW

4K NDI® | HX3 PTZ Camera featuring NDI® | HX Decoder, e-ink display and HALO Tally - White



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Features

- NDI® | HX3 PTZ Camera featuring NDI® | HX Decoder, e-ink display and HALO Tally
- 4K brilliance
X1 and X1 Ultra feature superior image quality, ensuring stunning visuals for every production, with X1 Ultra for UHD option.
- Halo Tally
X1 and X1 Ultra sport the most visible and effective Tally system available. Up front with a large, daylight-visible border, and out back with an interchangeable, illuminated numbering system.
- AI Tracking
X1 and X1 Ultra keep your subject in focus with AI tracking technology, intelligently following your subject's movements in real time.
- NDI® | HX3
enjoy reliable performance on more networks via NDI® | HX3.
- Wi-Fi
Video and control over Wi-Fi so you can set up faster, in more places, for better shots.
- NDI® | HX Decoder
Simpler, integrated solution that makes it so much easier to incorporate a

teleprompter, return feed, or confidence monitoring.

- **Always on e-Ink Label**
Easily load camera details, name, and IP address for faster set-up, in-production management, and crew communication.
- **Dual Network Output**
X1 and X1 Ultra combine 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**
X1 and X1 Ultra feature USB-C for connecting directly to Zoom, Teams, and most apps that support a USB UVC input.
- **Control support**
The X1 and X1 Ultra ships with its own IR remote, plus hardware control support for BirdDog PTZ Keyboard, Skaarhoj, and more.
- **BirdDog Apps**
X1 and X1 Ultra are compatible with BirdDog Central, BirdDog Cloud, and BirdDog iOS NDI PTZ Control (Available separately)

X1. X1 Ultra. Bring on the X-Factor

Get ready to revolutionize your content creation experience with X1 and X1 Ultra – PTZs like no other.

Experience category-defining smooth, controllable movement and stunning image quality with X1 and X1 Ultra, with Halo Tally and AI Tracking for pure live production magic.

Say hello to seamless connectivity with NDI® | HX3 and Wi-Fi, ensuring you stay at the cutting edge of technological excellence.

And here's the final showstopper: an industry-first e-ink display that not only tells you everything you need to know but stays brilliantly visible even when the camera is off!

Elevate your creativity, embrace innovation, and let the excitement unfold with X1 and X1 Ultra.

Integrated NDI Decoder

The X1 and X1 Ultra are the world's first PTZ cameras featuring an 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. Whether you're broadcasting live or delivering a CEO address, the integrated NDI HX decoder enables more brilliance with less setup.

AI Tracking

Every production could use a little help from a friend. The X1 and X1 Ultra keep your subject in focus with AI tracking technology, intelligently following your subject's movements in real time. Whether you're orchestrating a live event, capturing spontaneous moments in a hybrid environment, or hunting down sports action, AI tracking helps you get well framed - without needing an octopus to run the controller.

*NDI® | HX2 and NDI® | HX3 supported

Wi-Fi

No need to use cables to capture every shot. On top of regular ethernet with PoE, X1 and X1 Ultra have built-in Wi-Fi functionality. Easily capture shots from spots where

it's hard to run cable, seamlessly integrating into any environment. Your setup just became a whole lot more flexible.

E-Ink Label

The always-on e-ink label on the X1 and X1 Ultra is a game-changer. From network addresses for easy access to controls through to customisable logos to complement your brand image, this cool feature ensures that your set-up is clear and each camera easily identifiable even when the power is off.

NDI® | HX3.

The X1 and X1 Ultra deliver superior network performance via NDI® | HX3 integration. You get significantly reduced network impact and excellent image quality, meaning it's more friendly in more network environments. BirdDog's NDI® | HX3 delivers quality and performance you can count on.

Tally Light. It's a Halo Effect.

Professional results need professional tools. X1 and X1 Ultra sport the most visible and effective Tally system available. Up front with a large, daylight-visible border, and out back with an interchangeable, illuminated numbering system. Your cast and crew will always know where to look to keep your audience engaged and your look polished.

Specifications

- **Image Sensor:** Sony 1/2.8" CMOS - ULTRA HD
- **NDI:** NDI® | HX3
- **Output:** HDMI, USB-C UVC 1.1, Network
- **Protocol:** VISCA Baud Rate: 9600/4800/38400/2400, VISCA-IP, NDI
- **Remote Control Interface:** 10M/100M Ethernet, Wi-Fi IEEE 802.11ac, RS232 (input & output), RS485, TYPE-C(UVC1.1)
- **Video Format:** 2160p @ 30/29.97/25fps, 1080p @ 30/29.97/25fps, 720p @ 30/29.97/25fps
- **Zoom:** 12x Optical