



BirdDog X4E Ultra

ProdCode: BDX4EUB

4K60 PTZ Camera featuring NDI® | HX3, 3G-SDI, HDMI, e-ink label and HALO Tally
- Black



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Features

- 4K60 PTZ Camera featuring NDI® | HX3, 3G-SDI, HDMI, e-ink label and HALO Tally
- 4K Brilliance: X4E features superior image quality with the latest Sony image sensor. Boasting enhanced low-light performance and High Frame rates up to 4k60p performance
- Halo Tally: X4E sports the most visible and effective Tally system available. Surrounding the lens with a large, daylight-visible border, it keeps your talent looking directly at the camera. On the back we have our unique rubber-insert numbering system for easy camera identification
- AI Tracking: X4E gives you remarkable control of AI tracking and auto-framing - enabling you up to produce your finest work
- NDI® | HX3: X4E has the highest possible NDI® HX3 performance, even in 4K60. Superior image quality and low latency are guaranteed
- Always-on e-ink label: Featuring a QR code for easy navigation to camera WebUI Controls, all the important information, always displayed... even when the camera is turned off!
- Dual Network Output: X4E combines NDI HX and SRT/RTMP/RTSP protocols for seamless, on-premises and remote/CDN connectivity, offering ultimate flexibility in both streaming set-ups and video distribution

- Serial Control: Take control effortlessly with older control protocols, seamlessly integrating with your existing infrastructure
- USB Webcam: X4E features USB-C for connecting directly to Zoom, Teams, and most apps that support a USB UVC input
- Control support. The X4E ships with its own IR remote, plus hardware control support for BirdDog KBD, Skaarhoj, and more
- BirdDog Apps. X4E is compatible with BirdDog Central and BirdDog Connect

The X4E Advantage. All Performance, No Compromise.

The X4E is a state-of-the-art 4K60 camera delivering the same stunning BirdDog image quality, precision robotics, and advanced AI automation as X4 Ultra — now in a wired-first design. Featuring NDI® | HX3, a Sony 1/1.8" sensor, HALO Tally, E-Ink Display, and flexible connectivity via SDI, HDMI, USB-C, and IP, X4E brings professional-grade performance to every installation. Powered through PoE or DC, it's engineered for reliability, longevity, and seamless integration into any production workflow.

HALO Tally. Clarity Meets Control.

Professional results need professional tools. The X4E features BirdDog's HALO Tally system — the most visible and intuitive tally solution available. Surrounding the lens with a bright, daylight-visible border, HALO ensures your talent always knows which camera is live. It's instant feedback that keeps your production sharp and your audience engaged.

AI Tracking. Precision That Learns.

The X4E's AI controls deliver smooth, intelligent camera movements that lock onto your subject with precision. Designed for consistency, the AI adapts to your workflow — whether you're streaming a live event, teaching in a lecture hall, or broadcasting from a fixed studio. As your needs evolve, so does X4E.

NDI® | HX3. Network Efficiency Without Compromise.

Built on BirdDog's industry-leading implementation of NDI® | HX3, the X4E delivers exceptional image quality with ultra-low latency and minimal network impact. It's performance you can count on — even in demanding IP environments. BirdDog's NDI® | HX3 goes beyond certification standards to ensure stable, high-quality 4K60 streaming, every time.

Power Made Simple. PoE and DC.

The X4E is designed for reliability and simplicity. Power it directly via PoE or DC input, eliminating the need for internal batteries while reducing complexity and maintenance. Fewer moving parts, fewer variables — just dependable, professional performance hour after hour.

E-Ink Display. Always On. Always Clear.

The always-on E-Ink Display makes setup and management effortless. From instantly visible IP addresses to customizable labels*, you'll always know which camera is which — even when powered off. A small but mighty detail that keeps your workflow organized and your team in sync.

*Custom branding coming soon.

The Perfect Partner for X4 Ultra.

X4E and X4 Ultra share the same DNA — and they're built to work together. Use X4 Ultra where mobility matters and X4E where reliability rules. Mix and match both models for the ultimate production ecosystem.

