



X4E ULTRA



Same Family. Different Lifestyles.

Same performance. Streamlined for your workflow. Built on the success of our best-selling X4 Ultra, X4E delivers everything you love about BirdDog's award-winning PTZ performance – the same image quality, AI features, and professional connectivity – now in a wired-first version without built-in Wi-Fi or battery. Perfect for studios, venues, houses of worship, and large-scale installations where rock-solid reliability and value matter most.



You Asked for It. We Delivered.

By removing Wi-Fi and the internal battery, X4E delivers lower power draw and cooler operation, simpler integration for system installers, more accessible pricing for multi-camera deployments, and the same professional flexibility across 3G-SDI, HDMI, USB-C, NDI®, SRT, RTMP, and RTSP over Ethernet.



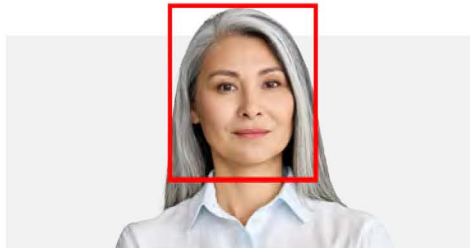
Built on the X4 Legacy

X4E shares the same high-performance DNA as X4 Ultra – the same Sony sensor, the same image pipeline, and the same BirdDog precision engineering. Everything that made X4 Ultra our best-selling camera, refined for wired workflows.



Halo Tally.

A 360° indicator that ensures everyone knows which camera is live. Bright, visible, and unmistakable.



AI Tracking.

Smart automatic framing that keeps your subject perfectly in shot. Let the camera handle composition while you focus on storytelling.



E-Ink Display.

Access your camera instantly. No more typing IP addresses — just scan the code and you're connected.



Professional Connectivity.

3G-SDI, HDMI, USB-C, NDI®, RTMP & RTSP over Ethernet — all built in for seamless integration into any production setup.



Best-in-Class NDI® | HX3

Deliver pristine 4K60p video with ultra-low latency, powered by BirdDog's industry-leading NDI HX3 implementation.



Mix & Match with X4 Ultra

The X4 family gives you choice: X4 Ultra for wireless freedom with built-in Wi-Fi 6 and battery, and X4E for wired reliability and smarter value in fixed setups. Mix both for a perfectly scalable production system.



X4E ULTRA

Feature	X4E Ultra
IMAGING	
Image Sensor	Sony 1 / 1.8" CMOS – ULTRA HD
Lens	f= 6.25– 125mm
Optical Zoom	20x
Video Format	2160p @ 60/59.94/50/30/29.97/25fps, 1080p @ 60/59.94/50/30/29.97/25fps, 1080i @ 59.94/50fps 720p @ 60/59.94
Horizontal angle of view	60° (W) – 3.5°(T)
Vertical angle of view	35° (W) – 2.0°(T)
Diagonal angle of view	66.6°(W) – 4.0°(T)
Aperture	F1.58 (W) ~ 3.95 (T)
Focus	Auto, Manual
Exposure	Auto, Shutter Priority, Iris Priority, Manual
Shutter Speed	1/1 – 1/10000s
Backlight Compensation	YES
Digital Noise Reduction	3D Noise Reduction
SNR	≥45dB
Effective Pixels	8.42 MP
AI Tracking	Presenter tracking, Zone
MECHANICAL	
Pan/Tilt Rotation	±170°, -30° ~ +90°
Pan Control Speed	1.7–80°/sec
Tilt Control Speed	1.7–60°/sec
Preset Number	255 Presets
Integrated Tally Light	HALO tally and rear number tally system
Display	e-Ink 2.13" with customization logo

Feature	X4E Ultra
I/O INTERFACE	
Video Output Interfaces	3G-SDI, HDMI, USB-C UVC, Network
Analogue Audio	3.5mm TRS Line input/Mic Input
Network Interfaces	1Gbps adaptive Ethernet port; PoE IEEE 802.3at
Encoder Network Protocols	NDI® HX2, NDI® HX3, RTSP, RTMP, SRT
Control Interfaces	1Gbps Ethernet, USB-C, RS-232
Control Protocols	VISCA Baud Rate: 38400/9600/4800/2400, VISCA-IP, NDI®, ONVIF
GENERAL PARAMETER	
Environmental Operation	Internal
Input Voltage	DC12v, PoE IEEE 802.3at
Input Current	5.0A (Max)
Working Temperature	0°C ~ +40°C
Working Humidity	20% ~ 80%
Dimension (W*H*D) mm	140.2*188.9*203.2mm/ 295*245*254mm (before / after packing)
Dimension (W*H*D) in	5.5*7.43*8.0in/ 11.6*9.6*10.0in (before / after packing)
Net and Gross Weight	2.19kg (Net Weight)

Mixed Workflow Example

