BirdDog

KBD

5 YEAR WARRANTY

OBP

BirdDog KBD. Crafted from feedback, built for brilliance.
The Ultimate Tool for PTZ Camera Control.

KBD is the ultimate tool for PTZ camera operators, offering a rugged, ergonomic design built for long-term comfort and precision. Its large screen allows you to monitor up to four camera feeds or focus on a single full-screen view, giving you complete control at a glance.

With streamlined access to essential functions like camera pairing, switching, and configuration, it eliminates unnecessary distractions, letting you work smarter and faster.

Engineered for modern workflows, KBD integrates seamlessly with platforms like TriCaster and vMix, featuring tactile controls and built-in tally borders for smooth transitions.

Crafted with ocean-bound plastics and recyclable aluminium, it reflects a commitment to sustainability while delivering professional-grade performance. Refined by user feedback, it's the perfect balance of power, comfort, and eco-conscious innovation.

All-Day Comfort.
Built with a rugged, ergonomic design, including a hand-rest area and tactile controls for seamless, extended use.

Super-Fine Control Mode.
Switch to 'fine-tune' mode for 10x joystick sensitivity, perfect for precise, on-air reframing with ease.

Expanded Screen Control.
Monitor up to four cameras simultaneously or focus on one in full-screen mode*. Pair and switch cameras with a single press.

Integrated Tally Borders.
Effortlessly switch cameras with tactile feedback and built-in tally borders showing live feeds directly on the keyboard, integrated with TriCaster and vMix.

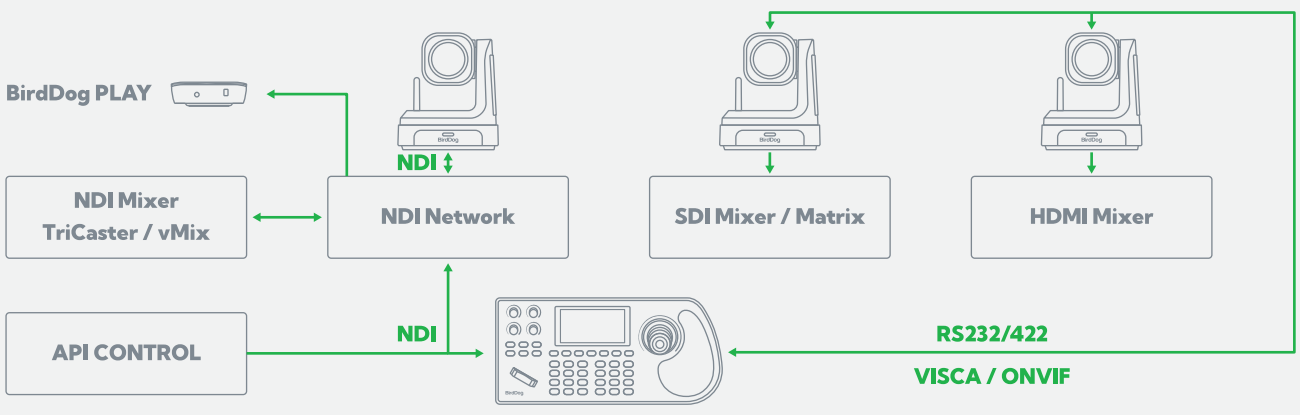
Effortless Camera Settings Sync.
An industry first! Copy settings from one X Series camera to another in seconds.

Streamlined Access.
No more menu diving! Access essentials like pairing, switching, and setup instantly for a user-friendly experience.

Ultimate Connectivity.
Supports NDI®, VISCA, ONVIF, RS-232, and RS-422, ensuring versatility across workflows.

Affordable Innovation.
Refined through user insight, KBD offers unmatched precision, comfort, and eco-conscious design—all at an accessible price.

Plastic with a Porpoise.
Crafted with ocean-bound plastics and recyclable aircraft-grade aluminium, it reflects a commitment to sustainability.



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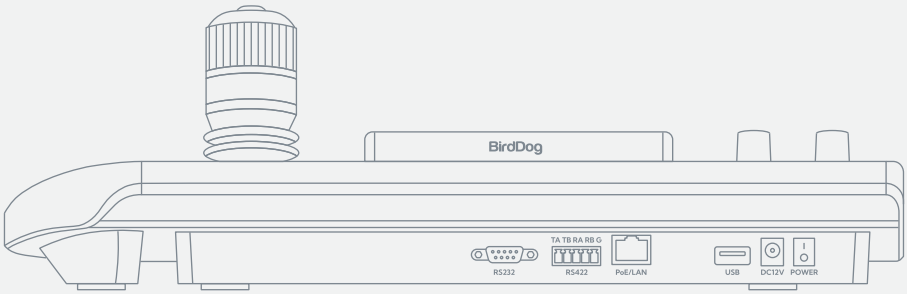

Feature	KBD
CAMERA CONTROL	
PTZ Control	VISCA-IP, NDI, ONVIF, PELCO-P, PELCO-D
Fine PTZ Control	VISCA-IP, NDI
Focus Control	Auto Focus, Manual Focus buttons
Auto Exposure	Direct button
Manual Exposure	Toggle Dial Adjust. Brightness/Shutter/Gain/Iris
Auto White Balance	Direct button
Manual White Balance	Toggle Dial Adjust. R-Gain, B-Gain, Color Temp.
Auto Focus	Direct button
Manual Focus	Direct button (Near/Far)
BLC (Backlight Compensation)	Direct button
	Yes (Enable/Disable)
Zoom ring on Joystick	Adjustable
Programmable Trigger on Joystick	One-Push Focus, AI Tracking, One-Push AWB
AI Camera mode control	Camera Dependent, supported
Copy/Paste Camera settings	Supported on selected BirdDog Cameras
	(VISCA-IP, NDI)
CAMERA ACCESS	
Max. Cameras support	255
Direct Camera access keys	6
Direct Preset access keys	10
Max Preset support	255 per camera
OSD Camera Menu	Menu button / interaction with Joystick
DISPLAY	
Display Resolution	1280x720
Multiview IP Video	Supported, NDI HX (Proxy), RTSP (max. 30 fps)
Full Screen IP Video	Supported, NDI HX (Proxy), RTSP (max. 30 fps)
IP Video CODEC support	h.264, h.265
Tally Borders	Selectable, Multiview and Full Screen mode
On Screen Menu	Fully configurable
Light/Dark Mode	Yes

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NDI SUPPORT	
NDI Control	NDI HX2, NDI HX3, High Bandwidth NDI
NDI Multiviewer	NDI HX3, NDI HX3
NDI Router	Yes, follows current active camera
NDI Discovery	Supported
NDI Access Manager	Supported
NDI PTZ Sensitivity	Standard (NDI); Superfine (BirdDog Specific)
SETUP/CONFIGURATION	
WebUI	BirdUI for setup and firmware updates
Light/Dark Mode	Yes
API-based Camera Selection	Yes
SERIAL CONNECTIONS	
RS-232	D-Sub connector (9-pin)
RS-422	Phoenix connector
MECHANICAL	
Joystick type	4D (Integrated Trigger button)
Keys	37 Keys; Backlit, Individual Contact, Silicon Pad
Toggle Dials	4 knobs; Press Button, Graduated, 360° adjust.
Zoom Rocker	Spring loaded, adjustable
Dimensions	377x177x118mm ; 14.84x6.96x4.64in
	(LxWxH including Joystick)
Construction Material	Aluminium; OBP Ocean-Bound Plastic
Integrated Carry Handle	Yes
Operating Temperature	-10°C – +55°C; 14°F – 130°F
Storage Temperature	-10°C – +55°C; 14°F – 130°F
Operating Humidity	20% – 80% (Non-condensing)
Storage Humidity	0% – 90% (Non-condensing)
Power Supply	PoE (802.3af), DC12V
Power Consumption	≤5W
Packaging Dimensions	390x215x165mm; 15.35x8.46x6.49in

*The KBD's screen offers live previews for NDI-HX2/HX3 cameras and key text-based details for others, ensuring seamless compatibility and clarity across your workflow.