✦BirdDog | FLEX 4K FAMILY

The Smallest 4K NDI® on the Planet.

4K NDI® in an incredibly small package. Flex delivers everything you have come to expect from BirdDog's one cable solution including Tally, Audio Intercom, Video, Audio, PTZ Control, and Power all down a single Ethernet cable. With 3 models to choose from in the Flex Family is a Flex to perfect for your workflow needs.

Small is the new Big.

With a footprint only slightly larger than a credit card, the Flex 4K NDI Encoders and Decoders are the smallest on the planet. Because sometimes the biggest things are also the smallest.

One cable to rule them all.
Now with added power.

BirdDog's revolutionary Studio NDI gave the world NDI, Power, Video, Audio, Tally, and Audio Intercom all done a single Ethernet cable. Flex 4K IN and Flex 4K BACKPACK take it one step even further and provides an additional 15w extra power allowing you to use the DC output to power your monitor, recorder, or even your camera.

Halo Tally. It just works.

Flex's revolutionary Halo Tally system is built right into the Flex Family and it requires zero configuration when connected with any NDI enabled software based production system. The Halo Tally is designed to be seen by the camera operators as well as the on air talent.

Flex 4K BACKPACK.
Upgrade your monitor.

Flex BACKPACK is the ultimate upgrade for your camera top monitor recorder. Featuring an NP style battery connection, and 15w power output, it allows you to encode NDI, power your monitor, and record all at the same time. With great power comes great responsibility.

The ultimate PTZ sidekick.

If you aren't lucky enough to own a BirdDog PTZ camera with full NDI natively then Flex can become the ultimate sidekick. Plug in HDMI to encode beautiful and Full NDI, and attach a PTZ control cable to have PTZ passthrough control. Perfect upgrade for your PTZ camera while waiting for Santa to bring you a BirdDog.

Cool touch thermals.

Sometimes the biggest features are also the least obvious. Flex 4K NDI has unmatched thermal design and whisper quiet fans to keep Flex cool and fresh even on the hottest days and in direct sunlight.

FLEX 4K IN   4K BACKPACK   FLEX 4K OUT

Feature/Specification	FLEX 4K IN	FLEX 4K OUT	4K BACKPACK
SUPPORTED VIDEO FORMATS			
UHD 2160p	25.00, 29.97, 30.00		
HD 1080p	25.00, 29.97, 30.00, 50.00, 59.94, 60.00		
HD 1080i	50.00, 59.94		
HD 720p	50.00, 59.94, 60.00		
VIDEO I/O CONNECTIVITY			
HDMI 2.0 Input	✓	-	✓
HDMI 2.0 Output	-	✓	-
AUDIO INPUT			
HDMI	2Ch, 48kHz	-	2Ch, 48kHz
3.5mm AUDIO	Microphone/line input		
AUDIO OUTPUT			
HDMI	-	2Ch, 48kHz	-
3.5mm AUDIO	Stereo Headphone/Line Output		-
VIDEO CODEC SUPPORT			
NDI (Full bandwidth i-frame compresssion)	✓	✓	✓
TALLY			
Integrated tricolour Halo Tally	✓	✓	✓
PTZ CONTROL			
2.5mm 4-pole RS232 (VISCA)	✓	✓	✓
NETWORK CONNECTIVITY			
Ethernet RJ45 1000baseT w/integrated PoE (Power over Ethernet)	✓	✓	✓
Embedded Web configuration Panel	✓	✓	✓
WEIGHTS & DIMENSIONS			
Size	107x63x31mm	107x63x31mm	107x63x42.5mm
Weight	140g	140g	150g
POWER			
PoE (Power over Ethernet)	PoE+ 802.3at		
DC Input	DC 12v (30w max)		
DC Output	DC 12v (15w max)	-	DC 12v (15w max)
NP style Battery Output	-	-	✓