BirdDog

MAKI
ULTRA

MAKI Ultra. Make A Killer Image.

Introducing the new MAKI Ultra – where compact innovation meets powerful performance.
Named after the sushi roll, the handy MAKI Ultra box camera delivers big shots, in tight spaces.

This little powerhouse packs in lightning-fast autofocus and 4K60 capabilities to ensure you catch every moment with stunning precision.
With enhanced network reliability through NDI® | HX3 integration, you can trust MAKI Ultra to deliver top-quality video without breaking a sweat.

And get this – it's got intuitive on-board buttons for seamless control, so you can dive into your creative zone
without getting bogged down in the technical stuff.

Say hello to your new favourite sidekick for capturing moments in detail and in style.

12x and 20x Zoom available.

Compact. Yet Mighty.
The MAKI Ultra boasts a compact footprint helping you capture those unusual and engaging camera angles with ease. With MAKI Ultra you can deliver killer POV shots that put your audience right in the game at eSports events, or attach MAKI Ultra to a band rig to capture incredible angles of your drummers or instrumentalists, be they in a Rock Band or a House of Worship. Wherever the action is, MAKI Ultra ensures you never miss a beat.

4K60 – Capture Every Moment with Ultra detail.
With its 4K60 capabilities, MAKI Ultra expands your options on what and how you capture content. From fast-moving action shots to incredible detail in low-light sets, you can get all the detail thanks to MAKI Ultra's high frame rate and advanced image processing capabilities.

Super-Fast Autofocus. Keeping Pace with Your Vision.
It's fast AF. MAKI Ultra's super-fast autofocus is a game-changer for dynamic content and fast-paced environments. Equipped with a laser and powered by advanced automatic focusing algorithms, MAKI Ultra ensures rapid and accurate autofocus. Whether your subjects are zipping across the frame or moving closer and further away to the camera, MAKI Ultra keeps them sharp and in focus. Every. Single. Time.

On-board Buttons. Let your digits take control.
MAKI Ultra's intuitive physical buttons means that once you've set it up, you can just reach in and make quick adjustments to Zoom and Focus, and access to the onscreen menu. No awkwardly placed controls or a walk back to your controller. One and done. And on to the next task.
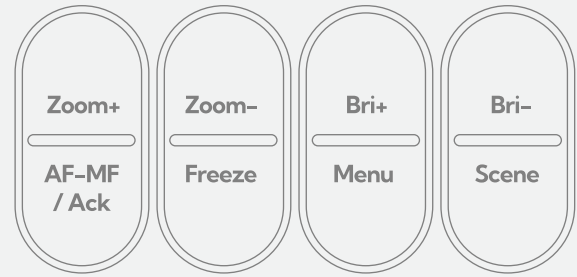
NDI® | HX3: Enhanced Performance on More Networks.
The MAKI Ultra gives you reliable performance on more networks via NDI® | HX3. This means you get great quality video with a much lower demand on your network. Sending video across more varied networks, or even across campus just got a whole lot easier.

NDI®

Feature	Maki Ultra 12x	Maki Ultra 20x
IMAGING		
Image Sensor	1/2.8 inch, CMOS	
Optical Zoom	12x	20x
Video Format	2160p @ 60/50/30/25fps 1080p @ 60/50/30/25fps 720p @ 60/50/30/25fps	
Horizontal angle of view	72.8° (W) ~ 6.8° (T)	61.2° (W) ~ 3.38° (T)
Vertical angle of view	44.1° (W) ~ 3.8° (T)	35.3° (W) ~ 1.9° (T)
Aperture	F1.6 ~ 3.5	F1.8 ~ 2.68
Focus	TOF, Auto, Manual	
Exposure	Auto, Shutter Priority, Iris Priority, Manual	
Backlight Compensation	Yes	
Digital Noise Reduction	Yes	
SNR	>55dB	
Effective Pixels	>8.4 Megapixels	
MECHANICAL		
Physical Buttons	Quantity: 8; Features: Zoom, Focus, Brightness, menu control, image freeze, and mode switching.	
I/O INTERFACE		
Video Interfaces	1 x HDMI: Version 2.0; 1 x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard, USB-C UVC 1.1	
Video Compression Format	H.264 / H.265	
LAN	100M/1000M adaptive Ethernet Support: PoE(802.3af)	
Network Protocol	NDI|HX2, NDI|HX3	
Control Protocol	VISCA Baud Rate: 9600/4800/38400/2400, VISCA-IP, NDI	
Control Interface	RS485: 2pin phoenix port, TYPE-C (UVC1.1)	
Audio I/O	1 × Line In, 3.5mm Jack; 1 × Line Out, 3.5mm Jack, Built-in Mic	
USB	1 x USB3.0,Type-C (UVC 1.1)	
GENERAL PARAMETER		
Power Input	DC005-2.0mm type(DC IN 12V)	
Input Voltage	DC 12V /PoE(802.3af)	
Input Current	1.5A(Max.)	
Power Consumption	18W (Max)	
Working Temperature	-10°C ~ 40°C	
Dimension (W*H*D)	145mm 76mm 78.5mm	