

Micro UHD HDMI POV Camera

UHD-100A

The World's Cost Effective 4K POV Camera

The UHD-100A is the world's most cost effective 4K POV camera solution. With its 4K UHD Progressive Scan CMOS sensor and Digital Image Processor, the UHD-100A produces detailed videos that are sharp and true to color, while also being able to utilize Dynamic Range, Adaptive White Balance, and motion-compensated temporal noise reduction filter for reduced noise even under low light conditions. The UHD-100A features a compact and rugged form factor with interchangeable lens capabilities, making it highly versatile for various video applications.



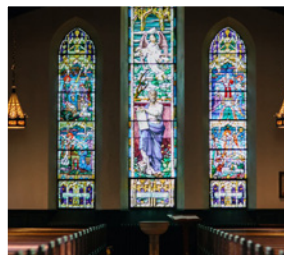
KEY FEATURES:



APPLICATIONS:



LIVE PRODUCTION



WORSHIP



RACING



MEDICAL



THEATER

MAIN FEATURES

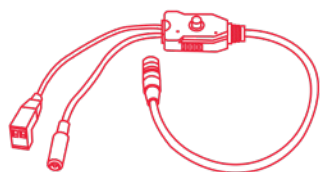
- 4K UHD 1/2.5 Progressive Scan CMOS sensor captures sharp and vivid UHD video even under very low light conditions.
- Advanced digital imaging processor provides vivid and detailed images by utilizing Dynamic Range, Auto White Balance, and Noise Reduction.
- Superb motion-compensated temporal noise reduction filter for motion video without blurring.
- OSD control breakout cable with power input and RS-485 for remote communication.
- Interchangeable lens design compatible with CS and C mount lenses.
- Perfectly suited for broadcast, pro audio/video, and security.
- Versatile, compact, and rugged design.
- With TRS Stereo Audio Input for embedded audio over HDMI.

SPECIFICATIONS

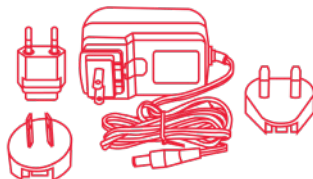
VIDEO		LENS	
Image Sensor	1/2.5" Progressive CMOS	Lens	C/CS Mount (Default UHD 3.2mm Lens)
Sensor Size	Diagonal 7.20mm	AUDIO	
Effective Pixels	Horizontal: 3840, Vertical: 2160	Input	3.5mm TRS Stereo Mic-in & Line in over I/O Cable
Pixel Size	1.62 μm (H) x 1.62 μm (V)	Sample Rate	16/24/32 Bits
Resolution	4096 x 2160, 3840 x 2160, 1920 x 1080, 1280 x 720	PHYSICAL	
Resolution Rate	2160 30p/29.97p/25p/24p 1080 60p/59.94p/50p/30p/ 29.97p/25p/24p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/25p	Camera Control	RS-486 OSD Button
Output	HDMI 1.4	Operation Temp	32°F - 104°F
Color Space	4:2:2 (YCbCr) 10bit	Dimension	39mm x 39mm x 50.50mm / 1.53" x 1.53" x 1.99"
FUNCTION		Weight	140g / 0.30lbs
White Balance	AWB / AE / AF	Power	12VDC (+9 - +15VDC)
Exposure	Full Auto, Bright, Shutter Priority, Iris Priority, Manual		
Other	WDR, DIS (Digital Image Stabilization), 2D/3D Noise Reduction, Digital Slow Shutter, Black Level Compensation, Flicker Detection		

**Specification are subject to change without notice.*

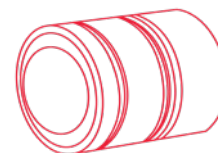
PACKAGE CONTENTS



I/O Breakout Cable



DC 12v Power Supply & Sockets Adapter



3.2mm 12MP 4K Lens (Pre-installed)