

# UHD-100A

## Launch your creations in Ultra-HD

Drive your visual inspirations with clarity. The UHD-100A simplifies the creation of video content that requires Ultra-HD quality, ranging from telemedicine to machine vision in its smallest form.



**KEY FEATURES:**



**APPLICATIONS:**



LIVE PRODUCTION



WORSHIP



RACING



MEDICAL



THEATER

## MAIN FEATURES

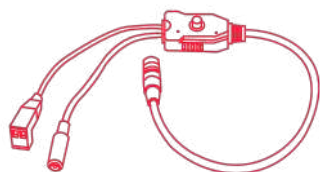
- 4K UHD 1/2.5 Progressive Scan CMOS sensor captures sharp and vivid UHD video even under very low light conditions.
- Advanced digital imaging processor provides vivid and detailed images by utilizing Dynamic Range, Auto White Balance, and Noise Reduction.
- Superb motion-compensated temporal noise 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

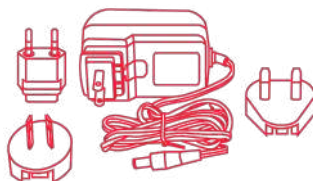
<b>VIDEO</b>		<b>LENS</b>	
<b>Image Sensor</b>	1/2.5" Progressive CMOS	<b>Lens</b>	C/CS Mount (Default UHD 3.2mm Lens)
<b>Sensor Size</b>	Diagonal 7.20mm	<b>AUDIO</b>	
<b>Effective Pixels</b>	Horizontal: 3840, Vertical: 2160	<b>Input</b>	3.5mm TRS Stereo Mic-in & Line in over I/O Cable
<b>Pixel Size</b>	1.62 μm (H) x 1.62 μm (V)	<b>Sample Rate</b>	16/24/32 Bits
<b>Resolution</b>	4096 x 2160, 3840 x 2160, 1920 x 1080, 1280 x 720	<b>PHYSICAL</b>	
<b>Resolution Rate</b>	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	<b>Camera Control</b>	RS485 OSD Button
<b>Output</b>	HDMI 1.4	<b>Operation Temp</b>	32°F - 104°F
<b>Color Space</b>	4:2:2 (YCbCr) 10bit	<b>Dimension</b>	39mm x 39mm x 50.50mm / 1.53" x 1.53" x 1.99"
<b>FUNCTION</b>		<b>Weight</b>	140g / 0.30lbs
<b>White Balance</b>	AWB / AE / AF	<b>Power</b>	12VDC (+9 - +15VDC)
<b>Exposure</b>	Full Auto, Bright, Shutter Priority, Iris Priority, Manual		
<b>Other</b>	WDR, DIS (Digital Image Stabilization), 2D/3D Noise Reduction, Digital Slow Shutter, Black Level Compensation, Flicker Detection		

*\*Specification are subject to change without notice.*

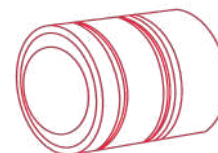
## PACKAGE CONTENTS



**I/O Breakout Cable**



**DC 12v Power Supply & Sockets Adapter**



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