

# Micro UHD HDMI POV Camera **UHD6G-200**

## Micro UHD 4K 6G-SDI Professional POV Camera

Retaining the familiar form factor and durable design of the original AIDA GEN3G cameras, the UHD6G-200 brings expanded control sets and increased video performance. Featuring an advanced 4K UHD Progressive Scan CMOS image sensor capable of 6G-SDI output for Industrial and Broadcast applications, the UHD6G-200 realizes 4K video image with wide dynamic range. Designed for versatility with a user-interchangeable C to CS mount lens allows the UHD6G-200 to be used in nearly any kind of workflow.



**KEY FEATURES:**



**APPLICATIONS:**



LIVE PRODUCTION

WORSHIP

RACING

MEDICAL

FILM

## MAIN FEATURES

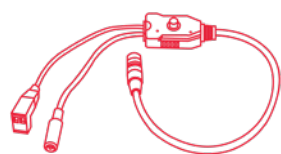
- 4K UHD 1/2.5 Progressive Scan CMOS sensor captures sharp and vivid UHD video even under very low light conditions.
- Advanced digital imaging processor provides vivid and detailed images by utilizing Dynamic Range, Auto White Balance, and Noise Reduction.
- Superb motion-compensated temporal noise reduction filter for motion video without blurring.
- OSD control breakout cable with power input and RS-485 for remote communication.
- Flawlessly relays multi-channel embedded audio via SDI.
- Interchangeable lens design compatible with CS and C mount lenses.
- Perfectly suited for broadcast, pro audio/video, and security.
- Conforming with SMPTE 292M, 424M, and 2081-10.
- Versatile, compact, and rugged design.

## SPECIFICATIONS

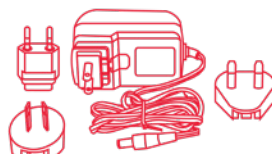
<b>VIDEO</b>		<b>LENS</b>	
<b>Image Sensor</b>	1/2.5" Progressive CMOS	<b>Lens</b>	C/CS Mount (Default UHD 3.2mm Lens)
<b>Sensor Size</b>	8.365mm X 6.615mm (16:9)	<b>AUDIO</b>	
<b>Effective Pixels</b>	Horizontal: 3840, Vertical: 2160	<b>Input</b>	3.5mm TRS Stereo Audio via Camera Input
<b>Pixel Size</b>	1.62 μm (H) x 1.62 μm (V)	<b>Sample Rate</b>	16/24/32 Bits
<b>Resolution</b>	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>	RS-486 OSD Button
<b>Output</b>	HD/3G/6G-SDI (BNC)	<b>Operation Temp</b>	15°F - 120°F
<b>Color Space</b>	4:2:2 (YCbCr) 10bit	<b>Dimension</b>	56mm x 56mm x 71.90mm / 2.20" x 2.20" x 2.83"
<b>FUNCTION</b>		<b>Weight</b>	170g / 0.37lbs
<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.*

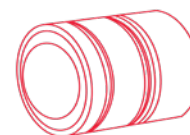
## PACKAGE CONTENTS



**I/O Breakout Cable**



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



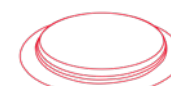
**3.2mm 12MP 4K Lens (Pre-installed)**



**USB Cable**



**C-Mount Cap Adapter**



**Sensor Cap**

At **AIDA Imaging**, innovation is key to crafting our tried and tested quality imaging solutions. We strive to raise the bar by engineering and manufacturing cutting edge cameras and converters. From concept to reality, **AIDA Imaging** meticulously creates products that are applicable to various solutions, effective for the global user.