

UHD6G-X12L

Zoom on in!

The UHD6G-X12L is a professional 4K POV camera that houses a 12X optical zoom and powered by a back-illuminated pixel technology for superior Ultra-HD quality in low light conditions. Delivering cinematic viewing experience in live events, newsrooms and houses of worship.



KEY FEATURES:



APPLICATIONS:



LIVE PRODUCTION



WORSHIP



SPORTS



MEDICAL



FILM

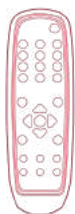
MAIN FEATURES

- 4K 1/1.7 Progressive Scan CMOS sensor capable of 4K (4096 x 2160) captures sharp and vivid images even under very low light conditions.
- Power by a back-illuminated pixel technology.
- Superior 4K 12X optical zoom.
- 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 two audio inputs and RS-485 for remote communication.
- Dual video simultaneous output interfaces 6G-SDI & HDMI.
- Flawlessly relays multi-channel embedded audio via 6G-SDI & HDMI.
- Perfectly suited for broadcast, pro audio/video, and security.
- Conforming with SMPTE 292M, 424M and 2081-10.
- Versatile, compact, and rugged design.

SPECIFICATIONS

VIDEO		LENS	
Image Sensor	1/1.7" Progressive CMOS	Lens	12X UHD Optical Zoom Lens, 4.2mm/82° (Wide) ~ 50.04mm/8° (Tele), F1.8 (Wide) - F2.8 (Tele)
Sensor Size	Diagonal 9.93mm(17:9)	AUDIO	
Effective Pixels	Horizontal: 4096, Vertical: 2160	Input	3.5mm TRS Stereo Mic-in & Line in over I/O Cable
Pixel Size	1.85 μm (H) x 1.85 μm (V)	Sample Rate	16/24/32 Bits
Resolution	24096 x 2160, 3840 x 2160, 1920 x 1080, 1280 x 720	STANDARD	
Resolution Rate	4K (4096 X 2160) 30/29/25/24p/ 2160 30/29.97/25/24p 1080p 60/59.94/50/30/ 29.97/25p/24p 1080i 60/59.94/50i 720 60/59.94/50/30/25p	SMPTE	SMPTE 292M, SMPTE 424M, SMPTE 2081-10
Output	HDMI 1.4 HD/3G/6G-SDI (BNC)	PHYSICAL	
Color Space	4:2:2 (YCbCr) 10bit	Camera Control	RS-486 OSD Button
FUNCTION		Operation Temp	15°F - 120°F
White Balance	AWB / AE / AF	Dimension	90.20mm x 90.20mm x 156.70mm / 3.55" x 3.55" x 6.17"
Exposure	Full Auto, Bright, Shutter Priority, Iris Priority, Manual	Weight	600g / 1.2lbs
Other	WDR, DIS (Digital Image Stabilization), 2D/3D Noise Reduction, Digital Slow Shutter, Black Level Compensation, Flicker Detection	Power	12VDC (+9 - +15VDC)
<i>*Specification are subject to change without notice.</i>			

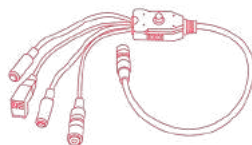
PACKAGE CONTENTS



Remote Controller



USB Cable



I/O Breakout Cable



DC 12v Power Supply & Sockets Adaptor

At **ADIA 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, **ADIA Imaging** meticulously creates products that are applicable to various solutions, effective for the global user.