

# UHD6G-X20L

## The perfect 6G-SDI Livestreaming Solution

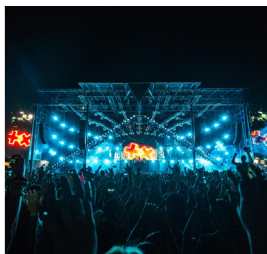
The UHD6G-X20L combines the power of 6G-SDI and HDMI to simultaneously output uncompressed, quality 4K video. Combined with a powerful 4K 20X optical zoom module, the camera is capable of capturing clear imaging from up to 60ft. If you want the best quality without breaking the bank, the UHD6G-X20L certainly fits that bill!



### KEY FEATURES:



### APPLICATIONS:



CONCERTS



THEATRE



PODCASTS



TELEMEETINGS



LIVE STREAMING

\*NDI® is a registered trademark of Newtek, Inc.

## MAIN FEATURES

- 4K 1/1.7" Progressive Scan CMOS sensor capable of capturing up to 30fps over 6G-SDI and HDMI
- 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.
- SD control breakout cable with power input and RS-485 for remote communication.
- Flawlessly relays multi-channel embedded audio via SDI.
- Perfectly suited for broadcast, pro audio/video, and security.
- Conforming with SMPTE 292M, 424M, and 2081-10.
- Versatile, compact, and rugged design with 1/4" 20 mounting on bottom.

## SPECIFICATIONS

### VIDEO

<b>Image Sensor</b>	1/2.8" Progressive CMOS
<b>Effective Pixels</b>	Horizontal: 3840, Vertical: 2160
<b>Pixel Size</b>	1.85 $\mu\text{m}$ (H) x 1.85 $\mu\text{m}$ (V)
<b>Resolution</b>	2160p, 1080p, 1080i, 720p
<b>Resolution Rate</b>	2160 30p/29.97p/25p/24p 1080 60p/59.94/50p/30p/25p/24p 1080 60i/59.94i/50i 720 60p/59.94p/50p
<b>Output</b>	6G-SDI / HDMI
<b>Color Space</b>	4:2:2 (YCbCr) 10bit
Min Illumination	0.2Lux (day), 0.1Lux (Night)
White Balance	Auto & Manual (9000 - 11,000 K)

### LENS

<b>Module</b>	20X Optical Zoom Module F1.5~F3.0
	FOV: 61~3.4°

### AUDIO

<b>Audio Embed</b>	Embed over SDI ONLY
<b>Input</b>	3.5mm Line Input

### STANDARD

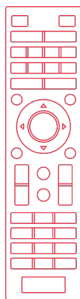
<b>Control Protocol</b>	Serial VISCA
-------------------------	--------------

### PHYSICAL

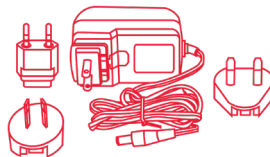
<b>Camera Control</b>	Protocol: RS485
<b>Operation Temp</b>	32°F - 104°F
<b>Dimension</b>	68mm x 146mm x 68mm 2.68" x 5.74" x 2.68"
Weight	750g / 2 lb
<b>Power</b>	12VDC (+9 - +15VDC)

\*Specification are subject to change without notice.

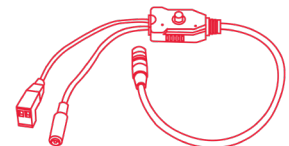
## PACKAGE CONTENTS



IR Remote Control



DC 12v Power Supply & Sockets Adapter



I/O Breakout Cable

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.