

UHD6G-X12L

4K 6G-SDI/HDMI Professional POV Camera



4K Progressive Scan CMOS captures sharp UHD video.
12X UHD Optical Zoom Lens, with 4.2 - 50.04mm and F1.8 (Wide) - F2.8 (Tele), is versatile
and provides clear and crisp videos.
Fully compatible with SMPTE 292M, SMPTE 424M, SMPTE 2081-10
Dual output of HDMI 1.4 and HD/3G/6G-SDI (BNC)
Mic-In & Line in over 3.5mm Stereo audio jack
Advanced digital imaging processing - Dynamic Range & White Balance,
Advanced motion-compensated temporal noise reduction
OSD controlled by CCS-USB and software

AIDA

UHD6G-X12L 4K 6G-SDI/HDMI Professional POV Camera



Video

Image Sensor	1/1.7" Progressive CMOS
Sensor Size	Diagonal 9.93mm (17:9)
Effective Pixels	Horizontal: 4096, Vertical: 2160
Pixel Size	1.85 μ m (H) x 1.85 μ m (V)
Resolution	4096 x 2160, 3840 x 2160, 1920 x 1080, 1280 x 720

Resolution/Rate	4K (4096 x 2160) 25p/24p/20p 2160 30p/29.97p/25p 1080 60p/59.94p/50p/30p/29.97p/25p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/25p
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Output	HDMI 1.4 HD/3G/6G-SDI (BNC)
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Color Space	4:2:2 (YCbCr) 10 bit
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Function

White Balance	AWB/ AE / AF
Exposure	Full Auto, Bright, Shutter Priority, Iris Priority, Manual
Others	WDR, DIS (Digital Image Stabilization), 2D/3D Noise Reduction, Digital Slow Shutter, Black Level Compensation, Flicker Detection

Lens

Lens	12X UHD Optical Zoom Lens, 4.2mm/82° (Wide) ~ 50.04mm/8° (Tele) F1.8 (Wide) - F2.8 (Tele)
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Audio

Audio Input	3.5mm Stereo Mic-In & Line in over I/O Cable
Sample Rate	16/24/32 Bits

Standard

SMPTE	SMPTE 292M, SMPTE 424M, SMPTE 2081-10
Field of View	Wide 68°, Tele 8°

Physical

Camera Control	RS 485, OSD Button
Operation Temp	15°F - 120°F
Dimension	90.20mm x 90.20mm x 156.70mm /3.55" x 3.55" x 6.17"
Weight	600g / 1.2Lbs
Power	12 VDC (+9 - +15VDC)

Package contents



Remote Controller



I/O Breakout cable



DC12v Power supply & Socket adaptor



USB Cable



Hex. wrench

AIDA Imaging manufactures advanced imaging and streaming devices for several different industries and applications. Our focus is on providing innovative products, maintaining quality control, and excellence in service to professionals and consumers worldwide. All AIDA Imaging devices are proudly designed in the USA.

AIDA

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