

UHD-100

Micro UHD HDMI Professional POV Camera



4K UHD Progressive Scan CMOS sensor captures sharp and vivid UHD video even under very low light conditions.

Compact and rugged form factor is versatile for broadcasting, pro audio/video, and security.

Advanced digital imaging processor provides vivid and detailed images by utilizing Dynamic Range, White Balance, and Noise Reduction.

Superb motion-compensated temporal noise reduction filter for motion video without blurring.

OSD can be remotely controlled by PTZ camera controller or by CCS-USB and software.

AIDA

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Video

Image Sensor	1/2.5" Progressive CMOS
Sensor Size	Diagonal 7.20mm
Effective Pixels	Horizontal: 3840, Vertical: 2202
Pixel Size	1.62 μm (H) x 1.62 μm (V)
Resolution	2160p: 3840 x 2160 1080p / 1080i : 1920 x 1080 720p : 1280 x 720
Resolution/Rate	4K2160p : 30 / 29.97 / 25 / 24 1080p : 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 1080i : 60 / 59.94 / 50 720p : 60 / 59.94 / 50

Output	HDMI 1.4
Color Space	4:2:2 (YCbCr) 10 bit

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	C/CS Mount (Default UHD 3.6mm Lens)
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Standard

SMPTE	SMPTE 292M, SMPTE 424M, SMPTE 2081-10
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Physical

Camera Control	RS 485, OSD Button
Operation Temp	32°F - 104°F
Dimension	39mm x 39mm x 50.50mm / 1.53" x 1.53" x 1.99" (With default 3.2mm Lens)
Weight	140g / 0.30Lbs
Power	12 VDC (+9 - +15VDC)

Package contents



I/O Breakout cable



DC12v Power supply & Socket adaptor



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



USB Cable



Sensor cap



C-Mount lens adaptor



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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