

POV CAMERA

# HD-100A-IP67

## Simple and Affordable Content Creation, Wherever You Are!

As we know, the HD-100A is AIDA's staple camera. So why not take that amazing recipe of simplicity, affordability, versatility and make it adventurous! The HD-100A-IP67 re-introduces our HD-100A in a hardened, weatherproof shell that protects it from dust, moisture, and the environment for your streaming adventures!



KEY FEATURES:



APPLICATIONS:



OUTDOOR APPLICATION



MACHINE VISION



RACING



LAB SCENARIOS



SECURITY

## MAIN FEATURES

- Full HD Progressive Scan sensor captures sharp and vivid color under different light conditions.
- Advanced digital image processor provides vivid and detailed images by utilizing WDR, White Balance, and Noise Reduction.
- Motion-compensated temporal noise reduction filter leads to effective noise reduction for motion video without blur.
- HDMI seamless video performance.
- Black Level Set-up provides the better color transition from digital to analog.
- Auto White Balance and shutter speed provides the optimized performance in a variety of situations.
- Interchangeable lens design makes it compatible with auto-iris CS and C mount lenses.
- Built-in OSD controls for customizable image settings.
- Versatile, compact, and rugged design.
- With TRS Stereo Audio Input for embedded audio over HDMI.
- Weatherproof cap and cabling allows IP67 rating of the camera.
- 2M or 6ft cabling allows to keep non-weatherproof connection ends away from outdoor elements and submersion.

## SPECIFICATIONS

### VIDEO

Image Sensor	1/3 inch Progressive CMOS
Sensor Size	Diagonal 7.2mm
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.75 µm (H) x 2.75 µm (V)
Resolution	1080p & 1080i: 1920 x 1080 720p & 720i: 1280 x 720
Resolution Rate	1080 60p/59.94p/50p/30p/29.97p/25p/24p 1080 60i/59.94i/50i 720 60p/59.94p/50p
Output	HDMI 1.3a
Color Space	4:2:2 (YCbCr) 10bit
Min. Illumination	0.2Lux (Day), 0.1Lux (Night), 0.005Lux (Slow Shutter ON)
White Balance	Auto & Manual (9,000 K - 11,000 K)

### LENS

Lens	C/CS Mount (Default 4mm HD Lens)
Weatherproof Cap	Allows for lenses 4mm and wider, and fits inside

### AUDIO

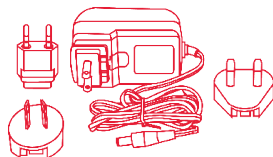
Input	3.5mm TRS Stereo Mic-In via WP cable
Sample Rate	16/24/32 Bits

### PHYSICAL

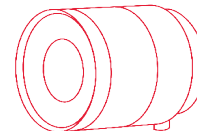
Camera Control	RS-485 VISCA, OSD Button
Operation Temp	32° F - 104° F
Dimension (With WP Cap)	78mm x 41mm x 41mm / 3.07" x 1.61" x 1.61"
Weight	180g / 0.39lbs (With default 4mm Lens)
Power	6W at 12VDC (+9 - +15VDC)

\*Specification are subject to change without notice.

## PACKAGE CONTENTS



DC 12v Power Supply & Sockets Adapter



4mm Megapixels Lens(Pre-Installed)

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