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:

HDMI	FULL HD	10 BIT	VISCA	WEATHERPROOF
HDMI	1080P	4:2:2	SERIAL	IP67

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.

• Weatherpoof 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

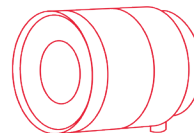|	
Input	3.5mm TRS Stereo
	Mic-In via WP cable
Sample Rate	16/24/32 Bits

PHYSICAL

Camera Control	RS-486 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
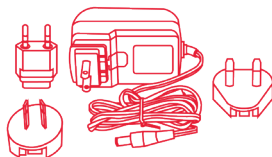
DC 12v Power Supply & Sockets Adapter

4mm Megapixels Lens(Pre-Installed)