

# ATLAS

DIGITAL CAMERA



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ITEM	SPECIFICATIONS
Sensor	1/2.33" 16.0 MP Color CMOS
Active area	5.70mm x 4.28mm
Sensor resolution	Dynamic 2304x1728 / 4608x3456 pixels Static 4608x3456 pixels
Pixel size	1.335µm x 1.335µm
A/D conversion	24 Bit RGB
Pixel clock	48 MHz
Dynamic range	59.5 dB; 1800-8000°K
Exposure	1ms-1s auto/manual, white balancing, electronic rolling shutter
Frame rate	25 fps (@2304x1728) 5 fps (@4608x3456)
Image processing	High speed FPGA, progressive scan, advanced noise reduction
Interface	USB 3.0
Optical connection	C-mount
Voltage supply	5v2a (USB)
Power indication	Green LED indicating power on and ready for capture
Ambient conditions	Operating Temperature: 0-60°C Humidity: 45-85%
Software requirements	Microsoft Windows (XP and later versions) / Linux / Mac

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With a policy of continuous development, Labo America, Inc. reserves the right to change design and specifications without prior notice.



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