

Photometrics Iris 9 USB Camera, 1T-01-IRIS-9-USB-M-16-C



#90-391 Photometrics Iris 15 PCIe Camera



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+

€9.500⁰⁰

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SPECIFICATIONS

General

Monochrome Camera

Type:

01-IRIS-9-USB-M-16-C	Model Number:
Teledyne Photometrics	Manufacturer:
Iris	Camera Series:

Includes: USB 3.0 SuperSpeed A to B data cable 12V/ 5A power supply with international power cord set (2) Single-line MMCX trigger cables USB memory device containing PVMCAM library and drivers Quick installation guide	Note:
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Monochrome	Spectrum:
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Physical & Mechanical Properties

78 x 78 x 88	Dimensions (mm):
680	Weight (g):

Full	Housing:
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Optical Properties

400 - 1000	Wavelength Range (nm):
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Sensor

1.1"	Sensor Format:
8.70	Resolution (Megapixels):

30.00	Frame Rate (fps):
2,960 x 2,960	Pixels (H x V):

12.58 x 12.58	Sensing Area, H x V (mm):
GPixel Gsense 5130	Imaging Sensor:

Progressive Scan CMOS	Type of Sensor:
Rolling	Shutter Type:

16 bit	Pixel Depth:
12μs- 10s	Exposure Time:

78	Dynamic Range (dB):
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Hardware & Interface Connectivity

USB 3.0	Connector:
GPIO with #90-400	Power Supply:

1 configurable input, 3 configurable outputs	GPIOs:
Hardware Trigger (GPIO) or Software Trigger	Synchronization:

Back Panel	Interface Port Orientation:
BNC	GPIO Connector Type:

Threading & Mounting

C-Mount	Mount:
(1) ¼-20 thread per side	Mounting Threads:

Environmental & Durability Factors

0 to 30	Operating Temperature (°C):
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Storage Temperature (°C):	
–20 to 60	
Regulatory Compliance	
Exempt	RoHS 2015:
	Certificate of Conformance:
View	

PRODUCT DETAILS

- High Resolution Imaging Even at Low Magnifications
- Small 4.25µm Pixels Across Large Arrays
- Advanced Triggering
- Scientific Cameras for High Sensitivity Microscopy Applications

Teledyne Photometrics Iris PCIe Cameras utilize high-resolution sCMOS sensors with 4.25 µm pixels and large sensor formats. This enables precise imaging at low magnifications by maximizing spatial sampling across wide fields of view without sacrificing sensitivity or frame rate. These cameras also feature programmable scan and readout modes that allow precise control of exposure timing and sensor readout direction. Additionally, their advanced triggering capabilities enable seamless synchronization with external devices for high-speed or time-critical imaging applications. Teledyne Photometrics Iris PCIe Cameras are available in C-Mount and F-Mount configurations and are ideal for light-sheet microscopy, live-cell fluorescence, or imaging large samples at high resolutions. These cameras include Teledyne's proprietary-designed software platforms, Beacon and PVCAM, for optimizing camera performance and ease of system integration.