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



Stock #91-453 NEW 1 In Stock

- 1 + £8,075⁰⁰

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Qty 1+	£8,075.00 each
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Product Downloads

Monochrome **Spectrum:**

General

Monochrome Camera **Type:**

01-IRIS-9-USB-M-16-C **Model Number:**

Manufacturer:

Teledyne Photometrics	
	Camera Series:
Iris	
	Note:
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 PvcAM library and drivers Quick installation guide	

Physical & Mechanical Properties

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

Optical Properties

	Wavelength Range (nm):
400 - 1000	

Sensor

	Sensor Format:
1.1"	
	Resolution (Megapixels):
8.70	
	Frame Rate (fps):
30.00	
	Pixels (H x V):
2,960 x 2,960	
	Sensing Area, H x V (mm):
12.58 x 12.58	
	Imaging Sensor:
GPixel Gsense 5130	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Rolling	
	Pixel Depth:
16 bit	
	Exposure Time:
12µs- 10s	
	Dynamic Range (dB):
78	

Hardware & Interface Connectivity

	Connector:
USB 3.0	
	Power Supply:
GPIO with #90-400	
	GPIOs:
1 configurable input, 3 configurable outputs	
	Synchronization:
Hardware Trigger (GPIO) or Software Trigger	
	Interface Port Orientation:
Back Panel	
	GPIO Connector Type:
BNC	

Threading & Mounting

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

Environmental & Durability Factors

	Operating Temperature (°C):
0 to 30	
	Storage Temperature (°C):
–20 to 60	

Regulatory Compliance

	RoHS 2015:
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Exempt	
View	Certificate of Conformance:
Contains SVHC(s)	Reach 247:

Product Details

- High-speed USB 3.0 Connectivity
- Small 4.25µm Pixels Across Large Arrays
- Scientific Cameras for High Sensitivity Microscopy Applications



Teledyne Photometrics Iris USB 3.0 Cameras deliver a powerful combination of high spatial resolution, exceptional light sensitivity, and USB 3.0 connectivity. These cameras leverage small 4.25µm pixels and low-noise sCMOS sensors to maximize data capture and enhance image quality in demanding environments. Teledyne Photometrics Iris USB 3.0 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.

Note: Each camera box includes a USB 3.0 SuperSpeed A-to-B data cable, a 12V/5A power supply with two international power cords, single-line MMCX trigger cables, a USB memory device containing the PVCAM library and drivers, and a quick installation guide.