Lucid Vision Labs Atlas10 ATX650G-MT2, Gpixel GMAX3265, 65MP, Monochrome Camera

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LUCID Vision Labs Atlas10 10GigE Power over Ethernet (PoE) Cameras (Front, C-Mount)

Stock **#28-608**   **1 In Stock**

(-)   1   (+)   **£7,296**.⁰⁰

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Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:

ATX650G-MT2

	Manufacturer:
Lucid Vision Labs	

	Camera Series:
Atlas10	

Physical & Mechanical Properties

	Dimensions (mm):
55 x 55 x 95.5 (excludes connectors and lens mount)	

	Weight (g):
304	

	Housing:
Full	

Sensor

	Image Buffer:
380MB	

	Sensor Format:
2.3"	

	Resolution (Megapixels):
65.00	

	Frame Rate (fps):
14.10	

	Pixels (H x V):
9,344 x 7,000	

	Pixel Size, H x V (µm):
3.20 x 3.20	

	Sensing Area, H x V (mm):
29.90 x 22.40	

	Imaging Sensor:
Gpixel GMAX3265	

	Type of Sensor:
Progressive Scan CMOS	

	Shutter Type:
Global	

	Pixel Depth:
8/10/12/16 Bit	

	Exposure Time:
24.832µs - 10s	

	Dynamic Range (dB):
0 - 13.66	

	Machine Vision Standard:
GigE Vision v2.0	

Electrical

	Power Consumption (W):
11.5 (External Power Supply) <12 (PoE+)	

Hardware & Interface Connectivity

	Interface:
10GigE (PoE+)	

	Connector:
10GigE, M12	

	Power Supply:
Power Supply Required and Sold Separately: USA: **#18-364** Europe: **#18-364** Japan: **#18-364** Korea: Not Available China: **#18-364**	

	GPIOs:
1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	

	Synchronization:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	

	Interface Port Orientation:
Back Panel	

	GPIO Connector Type:
8-pin M8	

Threading & Mounting

	Mount:
TFL-II Mount	

	Mounting Threads:
2 x ¼-20 with Tripod Mount Adapter **#17-120**	

Environmental & Durability Factors

Operating Temperature (°C):
-20 to +55

Storage Temperature (°C):
-30 to +60

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- 10GBASE-T (10GigE) Ethernet Interface with PoE+
- 5.0 to 65 Megapixel Sony 4th Gen Pregius S Sensors
- Compact 55 x 55mm Form Factor
- TFL-Mount Compatible with some TECHSPEC® CA Series FFL Lenses

LUCID Vision Labs Atlas10 10GigE Power over Ethernet (PoE) Cameras combine 4th generation Sony Pregius S sensors with 10GigE interface, delivering fast frame rates at high resolution and image quality in a compact and rugged housing. The 10GBASE-T Power over Ethernet PoE+ interface allows for data transfer speeds of up to 1.2 GB/s and can also provide power to the camera over one CAT6a cable up to 25m in length. The high bandwidth enables these cameras to run at high bit depths (10/12-bit) to maximize image quality while maintaining smooth frame rates. The back-illuminated CMOS sensors offer high sensitivity, high dynamic range, and low noise, and are actively aligned to the lens mount at the same optical axis to minimize performance discrepancies resulting from sensor tilt and rotation. LUCID Vision Labs Atlas10 10GigE Power over Ethernet (PoE) Cameras are GigE Vision compliant and feature rugged M12 Ethernet and M8 GPIO connectors, making them ideal choices for industrial, automotive, factory automation, process control, and other machine vision applications requiring high resolutions and bandwidth.

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