

Lucid Vision Labs Atlas10 ATX245S-MC, Sony IMX530, 24.5MP, Monochrome Camera



£3,420^{.00}

Volume Pricing	
Qty 1+	£3,420.00 each
Need More?	Request Quote

Product Downloads

General	
1	General
2	General
3	General
4	General
5	General
6	General
7	General
8	General
9	General
10	General
11	General
12	General
13	General
14	General
15	General
16	General
17	General
18	General
19	General
20	General
21	General
22	General
23	General
24	General
25	General
26	General
27	General
28	General
29	General
30	General
31	General
32	General
33	General
34	General
35	General
36	General
37	General
38	General
39	General
40	General
41	General
42	General
43	General
44	General
45	General
46	General
47	General
48	General
49	General
50	General
51	General
52	General
53	General
54	General
55	General
56	General
57	General
58	General
59	General
60	General
61	General
62	General
63	General
64	General
65	General
66	General
67	General
68	General
69	General
70	General
71	General
72	General
73	General
74	General
75	General
76	General
77	General
78	General
79	General
80	General
81	General
82	General
83	General
84	General
85	General
86	General
87	General
88	General
89	General
90	General
91	General
92	General
93	General
94	General
95	General
96	General
97	General
98	General
99	General
100	General

Model Number: ATX245S-MC

Lucid Vision Labs	Manufacturer:
Atlas 10	Camera Series:
Physical & Mechanical Properties	
55 x 55 x 95.5 (excludes connectors and lens mount)	Dimensions (mm):
304	Weight (g):
Full	Housing:
Sensor	
380MB	Image Buffer:
4/3"	Sensor Format:
24.50	Resolution (Megapixels):
45.40	Frame Rate (fps):
5,320 x 4,600	Pixels (H x V):
2.74 x 2.74	Pixel Size, H x V (µm):
14.58 x 12.60	Sensing Area, H x V (mm):
Sony IMX530	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/10/12 Bit	Pixel Depth:
6.97µs - 10s (Normal); 2.296µs- 2.464µs (Short Mode)	Exposure Time:
0 - 48	Dynamic Range (dB):
GigE Vision v2.0	Machine Vision Standard:
Electrical	
11.5 (External Power Supply) <12 (PoE+)	Power Consumption (W):
Hardware & Interface Connectivity	
10GigE (PoE+)	Interface:
10GigE, M12	Connector:
Power Supply Required and Sold Separately. USA: #18-364 Europe: #18-364 Japan: #18-364 Korea: Not Available China: #18-364	Power Supply:
1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	GPIOs:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Synchronization:
Back Panel	Interface Port Orientation:
8-pin M8	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
2 x 1/4-20 with Tripod Mount Adapter #17-120	Mounting Threads:
Environmental & Durability Factors	

-20 to +55	Operating Temperature (°C):
-30 to +60	Storage Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:

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.