

# ATLAS™

## Up to 31.4 MP Sony Pregius Sensors over 5GBASE-T PoE

Atlas is a 5GBASE-T PoE camera capable of data transfer rates of over 600 MB per second. Its large format allows for higher resolutions and higher frame rates over standard Ethernet cables up to 100 meters. Measuring only 55 x 55 mm, the Atlas is equipped with a M35 lens mount which can easily be adapted to F-mount. Featuring Active Sensor Alignment for superior optical performance with large image sensors.



# ATLAS™

Up to 31.4 MP Sony Pregius Sensors over 5GBASE-T PoE

## Atlas Models

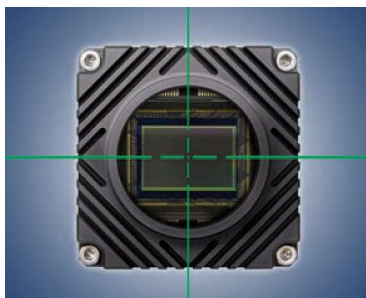


Model	MP	Resolution	FPS	Sensor	Format	Pixel Size	Shutter	Lens Mount	GigE Interface
<b>ATL314S</b>	31.4 MP	<b>6464 x 4852 px</b>	17.9 fps	<b>SonyIMX342 CMOS</b>	APS-C	<b>3.45 μm</b>	Global	<b>TFL (M35 x 0.75)</b>	5GBASE-T, MI2
<b>ATL196S</b>	19.6 MP	<b>4416 x 4428 px</b>	28 fps	<b>SonyIMX367 CMOS</b>	4/3"	<b>3.45 μm</b>	Global	<b>TFL (M35 x 0.75)</b>	5GBASE-T, MI2
<b>ATL168S</b>	16.8 MP	<b>5456 x 3076 px</b>	33 fps	<b>SonyIMX387 CMOS</b>	4/3"	<b>3.45 μm</b>	Global	<b>TFL (M35 x 0.75)</b>	5GBASE-T, MI2

Model	MP	Resolution	FPS	Sensor	Format	Pixel Size	Shutter	Lens Mount	GigE Interface
<b>ATL120S</b>	12.3 MP	<b>4096 x 3000 px</b>	42 fps	<b>SonyIMX253 CMOS</b>	1.1"	<b>3.45 μm</b>	Global	<b>C-mount</b>	5GBASE-T, MI2
<b>ATL089S</b>	8.9 MP	<b>4096 x 2160 px</b>	58 fps	<b>SonyIMX255 CMOS</b>	1"	<b>3.45 μm</b>	Global	<b>C-mount</b>	5GBASE-T, MI2
<b>ATL050S</b>	5.0MP	<b>2448 x 2048 px</b>	98 fps	<b>SonyIMX250 CMOS</b>	2/3"	<b>3.45 μm</b>	Global	<b>C-mount</b>	5GBASE-T, MI2

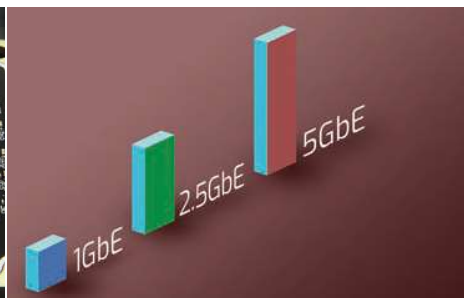
## Highlights



**Active Sensor Alignment**  
All Atlas cameras are actively aligned to minimize sensor tilt and rotation, and to place the center of the sensor at the lens optical axis.



**High Resolution Sensors**  
Sony Pregius sensors, up to 31 MP, at fast frame rates. Best in class imaging and global shutter CMOS performance.



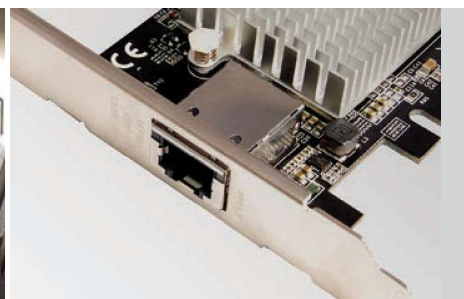
**600 MB/s Bandwidth**  
Streams high resolution images at fast frame rates over regular CAT5e or CAT6 Ethernet cabling over 600 MB/s bandwidth.



**M12 and M8 Connectors**  
Designed for error free operation in environments with high vibration, dust and water. Shielded against electrical interference.



**TFL (M35) Lens Mount**  
Take full advantage of large APS-C and 4/3" sensor sizes with smaller and lighter TFL lenses. F-mount compatible.



**5GBASE-T IEEE P802.3bz**  
Compatible with interface cards and switches that support 5GBASE-T (625 MB/s) and 2.5GBASE-T (312.5 MB/s) standards.