



The Industrial Camera Evolved

The Triton camera sets a new price performance standard in the industrial camera market. Active Sensor Alignment for superior optical performance, a lightweight, compact 29 x 29 mm size, and IP67 protection with a sealed lens tube make the Triton camera suitable for harsh industrial environments. The M12 Ethernet and M8 I/O connectors provide a robust and sturdy connection resistant to shock and vibration.



TRITON™

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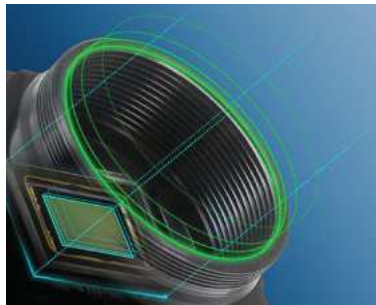
Triton Models



Model	MP	Resolution	FPS	Sensor	Format	Pixel Size	Shutter	Lens Mount	GigE Interface
TRI200S	20.0 MP	5472 x 3648 px	6 fps	Sony IMX183 CMOS	1"	2.40 μm	Rolling	C	M12
TRI120S	12.3 MP	4096 x 3000 px	10 fps	Sony IMX304 CMOS	1.1"	3.45 μm	Global	C	M12
TRI122S	12.2 MP	4024 x 3036 px	9.7 fps	Sony IMX226 CMOS	1/1.7"	1.85 μm	Rolling	C	M12
TRI089S	8.9 MP	4096 x 2160 px	13.7 fps	Sony IMX267 CMOS	1"	3.45 μm	Global	C	M12
TRI050S-P TRI050S-Q	5.0 MP	2448 x 2048 px	24 fps	Sony IMX250MZR CMOS Sony IMX250MYR CMOS	2/3"	3.45 μm	Global	C	M12
TRI050S	5.0 MP	2448 x 2048 px	24 fps	Sony IMX264 CMOS	2/3"	3.45 μm	Global	C	M12
TRI032S	3.2 MP	2048 x 1536 px	38 fps	Sony IMX265 CMOS	1/1.8"	3.45 μm	Global	C	M12
TRI023S	2.3 MP	1920 x 1200 px	52 fps	Sony IMX392 CMOS	1/2.3"	3.45 μm	Global	C	M12
TRI016S	1.6 MP	1440 x 1080 px	77 fps	Sony IMX273 CMOS	1/2.9"	3.45 μm	Global	C	M12
TRI004S	0.4 MP	728 x 544 px	291 fps	Sony IMX287 CMOS	1/2.9"	6.9 μm	Global	C	M12

For the latest Triton models and machine vision accessories, including IP67 lens tubes and M12 / M8 cables please visit www.thinklucid.com

Highlights



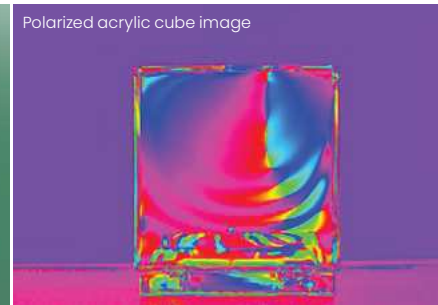
Active Sensor Alignment

All Triton cameras are actively aligned to minimize sensor tilt and rotation, and to place the center of the sensor at the lens optical axis.



M12 and M8 Connectors

Designed to provide a sealed connection resistant to shock and vibration. Shielded against electrical interference.



Polarization Models

See beyond visible light with the Triton camera featuring Sony's IMX250MZR/MYR CMOS polarized sensors.



IP67 Protection

By adding LUCID's IP67 lens tube, the camera can be protected from both dust and water particles.



Beyond Small and Light

The camera has a wide operating temperature range from -20°C to 55°C ambient. At only 67 grams and 29 x 29 mm, the Triton is an easy and reliable fit in any environment.