

// PROSILICA GT

Robust and high resolution



Equipped with a robust, heat-dissipation-optimized housing and various lens control options, Prosilica GT cameras are engineered to handle harsh environments, extreme temperature variations, and constantly changing light conditions. Trigger over Ethernet using action commands enables single cable solutions, thereby reducing system costs. Prosilica GT is a real high performer, offering high resolutions and featuring CCD and CMOS sensors.

Key facts

- // GigE Vision interface
- // Resolutions up to 31.4 megapixels
- // Global Shutter sensor
- // Up to 53 frames per second at full resolution
- // Near-infrared models
- // Extended operating temperature range: -20°C to +65°C (ambient)

Prosilica GT



Camera model	Sensor	Mega-pixels	Resolution	Sensor format	Shutter mode	Max. frame rate in fps	Pixel size in µm	Standard mount	Mono/color/NIR
GT1290	Sony ICX445 CCD	1.2	1280 × 960	Type 1/3	Global	33.3	3.75 × 3.75	C-Mount	• / • / -
GT1380	Sony ICX285 CCD	1.4	1360 × 1024	Type 2/3	Global	30.5	6.45 × 6.45	C-Mount	• / • / -
GT1600	Sony ICX274 CCD	2.0	1620 × 1220	Type 1/1.8	Global	25.8	4.44 × 4.44	C-Mount	• / • / -
GT1920	Sony ICX674 CCD	2.8	1936 × 1456	Type 2/3	Global	40.7	4.54 × 4.54	C-Mount	• / • / -
GT1930	Sony IMX174 CMOS	2.4	1936 × 1216	Type 1/1.2	Global	50.8	5.86 × 5.86	C-Mount	• / • / -
GT2000	ams CMV2000 CMOS	2.2	2048 × 1088	Type 2/3	Global	53.7	5.5 × 5.5	C-Mount	• / • / •
GT2050	ams CMV4000 CMOS	4.2	2048 × 2048	Type 1	Global	28.6	5.5 × 5.5	C-Mount	• / • / •
GT2450	Sony ICX625 CCD	5.0	2448 × 2050	Type 2/3	Global	15	3.45 × 3.45	C-Mount	• / • / -
GT2460	Sony IMX264 CMOS	5.1	2464 × 2056	Type 2/3	Global	23.7	3.45 × 3.45	C-Mount	• / • / -
GT2750	Sony ICX694 CCD	6.1	2750 × 2200	Type 1	Global	19.8	4.54 × 4.54	C-Mount	• / • / -
GT3400	Sony ICX814 CCD	9.2	3384 × 2704	Type 1	Global	13.2	3.69 × 3.69	C-Mount	• / • / -

Prosilica GT Large Format



Camera model	Sensor	Mega-pixels	Resolution	Sensor format	Shutter mode	Max. frame rate in fps	Pixel size in µm	Standard mount	Mono/color/NIR
GT1930L	Sony IMX174 CMOS	2.4	1936 × 1216	Type 1/1.2	Global	50.8	5.86 × 5.86	EF-Mount PA	• / • / -
GT4400	Sony IMX367 CMOS	19.6	4432 × 4436	Type 4/3	Global	6.12	3.45 × 3.45	F-Mount	• / • / -
GT5120	ON Semi PYTHON 25K CMOS	26.2	5120 × 5120	Type APS-H	Global	4.59	4.5 × 4.5	F-Mount	• / - / •
GT5400	Sony IMX387 CMOS	16.8	5472 × 3084	Type 4/3	Global	7.14	3.45 × 3.45	F-Mount	• / • / -
GT6400	Sony IMX342 CMOS	31.4	6480 × 4860	Type APS-C	Global	3.82	3.45 × 3.45	F-Mount	• / • / -

Modular concept Prosilica GT

// CS-Mount / F-Mount / Birger EF-Mount / M42-Mount

// Various IR cut / pass filters and protection glass

Modular concept Prosilica GT Large Format Housing

// F-Mount / F-Mount PA / EF-Mount PA / M42-Mount / M42-Mount PA / M58-Mount / M58-Mount PA / C-Mount (selected models) / TFL-Mount (selected models)

// Various IR cut filters and protection glass

Dimensions (including connectors and default mount) L × W × H in mm

// Prosilica GT: 86 × 53.3 × 33

// Prosilica GT Large Format: 96 × 66 × 53.3



Prosilica GT



Prosilica GT Large Format