

Prosilica GT. Weather persistent.



Prosilica GT

- Wide operating temperature range
- High sensitivity and high speed
- P-iris and DC auto iris lens control
- PoE (Power over Ethernet), RS232 included

Prosilica GT

L x W x H = see below* incl. connectors, w/o tripod and lens. Mass 210 -372 g

| Model | Interface | Resolution | MPixels | Frame rate | Sensortype | Sensor | Cell size | A/D | Memory |
|-----------------------|-----------|-------------|---------|------------|------------|---------------------|-----------|---------|--------|
| GT1290 | GigE | 1280 x 960 | 1.2 | 33 fps | 1/3 CCD | Sony ICX445 | 3.75 µm | 14 bits | 128 MB |
| GT1380 | GigE | 1360 x 1024 | 1.4 | 30 fps | 2/3 CCD | Sony ICX285 | 6.45 µm | 14 bits | 128 MB |
| GT1600 | GigE | 1620 x 1220 | 2 | 25 fps | 1/1.8 CCD | Sony ICX274 | 4.4 µm | 14 bits | 128 MB |
| GT1660 | GigE | 1600 x 1200 | 1.9 | 62 fps | 2/3 CCD | Truesense KAI-02050 | 5.5 µm | 14 bits | 128 MB |
| GT1910 | GigE | 1920 x 1080 | 2 | 57 fps | 2/3 CCD | Truesense KAI-02150 | 5.5 µm | 14 bits | 128 MB |
| GT1920 | GigE | 1936 x 1456 | 2.8 | 40 fps | 2/3 CCD | Sony ICX674 | 4.54 µm | 14 bits | 128 MB |
| GT2000 NEW | GigE | 2048 x 1088 | 2.2 | 53 fps | 2/3 CMOS | CMOSIS CMV2000 | 5.5 µm | 12 bits | 128 MB |
| GT2000 NIR NEW | GigE | 2048 x 1088 | 2.2 | 53 fps | 2/3 CMOS | CMOSIS CMV2000 | 5.5 µm | 12 bits | 128 MB |
| GT2050 NEW | GigE | 2048 x 2048 | 4.2 | 28 fps | 1/1 CMOS | CMOSIS CMV4000 | 5.5 µm | 12 bits | 128 MB |
| GT2050 NIR NEW | GigE | 2048 x 2048 | 4.2 | 28 fps | 1/1 CMOS | CMOSIS CMV4000 | 5.5 µm | 12 bits | 128 MB |
| GT2300 | GigE | 2336 x 1752 | 4 | 29 fps | 1/1 CCD | Truesense KAI-04050 | 5.5 µm | 14 bits | 128 MB |
| GT2450 | GigE | 2448 x 2050 | 5 | 15 fps | 2/3 CCD | Sony ICX625 | 3.45 µm | 14 bits | 128 MB |
| GT2750 | GigE | 2750 x 2200 | 6 | 19 fps | 1/1 CCD | Sony ICX694 | 4.54 µm | 14 bits | 128 MB |
| GT3300* NEW | GigE | 3296 x 2472 | 8 | 14 fps | 4/3 CCD | Truesense KAI-08050 | 5.5 µm | 14 bits | 128 MB |
| GT3400 NEW | GigE | 3384 x 2704 | 9.2 | 12 fps | 1/1 CCD | Sony ICX814 | 3.69 µm | 14 bits | 128 MB |
| GT4905* NEW | GigE | 4896 x 3264 | 16 | 7.5 fps | APS-H CCD | Truesense KAI-16050 | 5.5 µm | 14 bits | 128 MB |
| GT4907* NEW | GigE | 4864 x 3232 | 16 | 7.6 fps | 35 mm CCD | Truesense KAI-16070 | 7.4 µm | 14 bits | 128 MB |
| GT6600* NEW | GigE | 6576 x 4384 | 29 | 4 fps | 35 mm CCD | Truesense KAI-29050 | 5.5 µm | 14 bits | 128 MB |

* L x W x H = 86-92 x 53.3 x 33 mm (GT1290 ... GT2750); 121 x 59.7 x 59.7 mm (GT3300); 96 x 66 x 53.3 mm (GT4905 ... GT6600)



Most Prosilica GT cameras feature DC and P-iris auto-iris lens control. Users can control and automate the iris position via the GigE interface. P-iris relies on stepper motors with reproducible positions. P-iris enables remote adjustment of the lens F-number to optimize the iris opening during changing lighting conditions.

Prosilica GT Cameras

The Prosilica GT is prepared to face the elements. Designed for ITS and outdoor imaging in extreme temperatures as well as fluctuating lighting conditions, the GT is geared up with a rugged, thermally engineered housing and motorized lens control. It's also packing the most sensitive Sony EXview HAD CCD sensors, CMOSIS sensors, fast Truesense sensors, an advanced feature set, and a Power over Ethernet connection.

Smart Features

- Auto iris (P-iris and DC iris) (except for GT4100, GT4905, GT4907, and GT6600)
- Gain, exposure
- White balance
- Gamma
- Binning
- Stream hold
- Clock synchronization (PTP IEEE 1588)
- StreamBytesPerSecond (easy bandwidth control)
- Event channel
- Chunk data
- Recorder mode (pre/post trigger recording)
- Storable user sets

Operating Conditions

| | |
|-----------------------|-------------------------------------|
| Power requirements | DC 7 V - 25 V via 12-pin HIROSE/PoE |
| Power consumption | ≤ 6.6 W (@ 12 V DC) |
| Operating temperature | -20 ... +60 °C ambient temperature |
| Storage temperature | -20 ... +70 °C ambient temperature |
| Regulations | CE, FCC Class A, RoHS (2011/65/EU) |



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