



Prosilica GT

Prosilica GT 3300C

Prosilica GT3300C is a 8.1 megapixel camera with a GigE Vision compliant Gigabit Ethernet port and Hirose I/O port. This camera incorporates the high-quality ON Semi KAI-08050 TRUESENSE Gen 2 CCD sensor providing excellent color image quality.

General

Model:	Prosilica GT 3300C
Product series:	Prosilica GT
Status:	Deleted

Sensor

Sensor type:	Area scan
Chroma:	Color
Spectrum:	Visible
Resolution:	3,296 × 2,472 (8.10 MP)
Sensor model:	ON Semi KAI-08050
Sensor architecture (material):	CCD
Shutter type(s):	Global Shutter
Sensor size:	22.66 mm ø (Type 4/3)
Pixel size:	5.50 μm × 5.50 μm

Pixel formats

Sensor bit depth:	12-bit or 14-bit
Monochrome pixel formats:	Mono8
YUV pixel formats:	YUV411Packed, YUV422Packed, YUV444Packed
RGB pixel formats:	RGB8Packed, BGR8Packed, RGBA8Packed, BGRA8Packed
Bayer pixel formats:	BayerGR8, BayerGR12, BayerRG12Packed

Imaging performance

Quantum efficiency @ 529 nm:	44 %
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Timing and gain

Max. frame rate: 14

I/Os and power

Non-isolated lines: 1 input, 2 outputs

Specific non-isolated lines: 1

Opto-isolated lines: 1 input, 2 outputs

Power supply: 7 to 25 VDC AUX or 802.3at Type 1 PoE

Power consumption: 5.6 W at 12 VDC; 6.9 W PoE

Operating conditions

Operating temperature (housing): -20 °C to 60 °C ambient (without condensation)

Mechanical properties

Body dimensions (L x W x H in mm): 121 × 60 × 60

Weight: 314 g

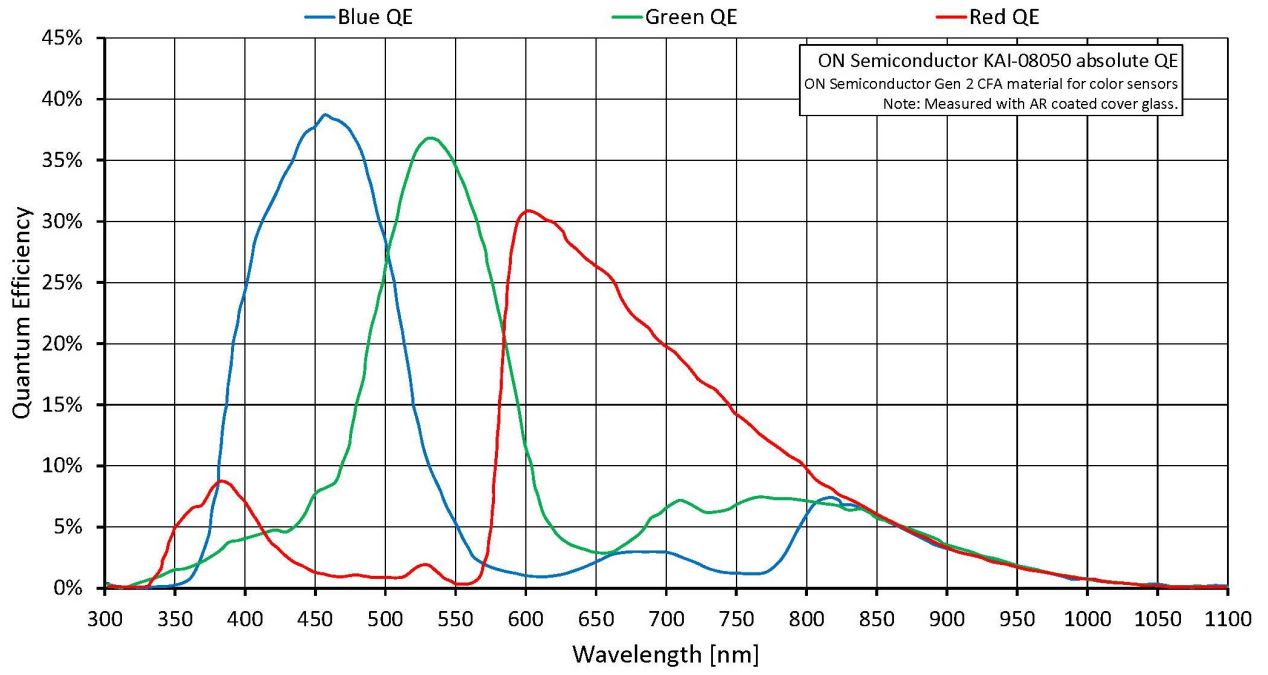
On-board memory and FPGA

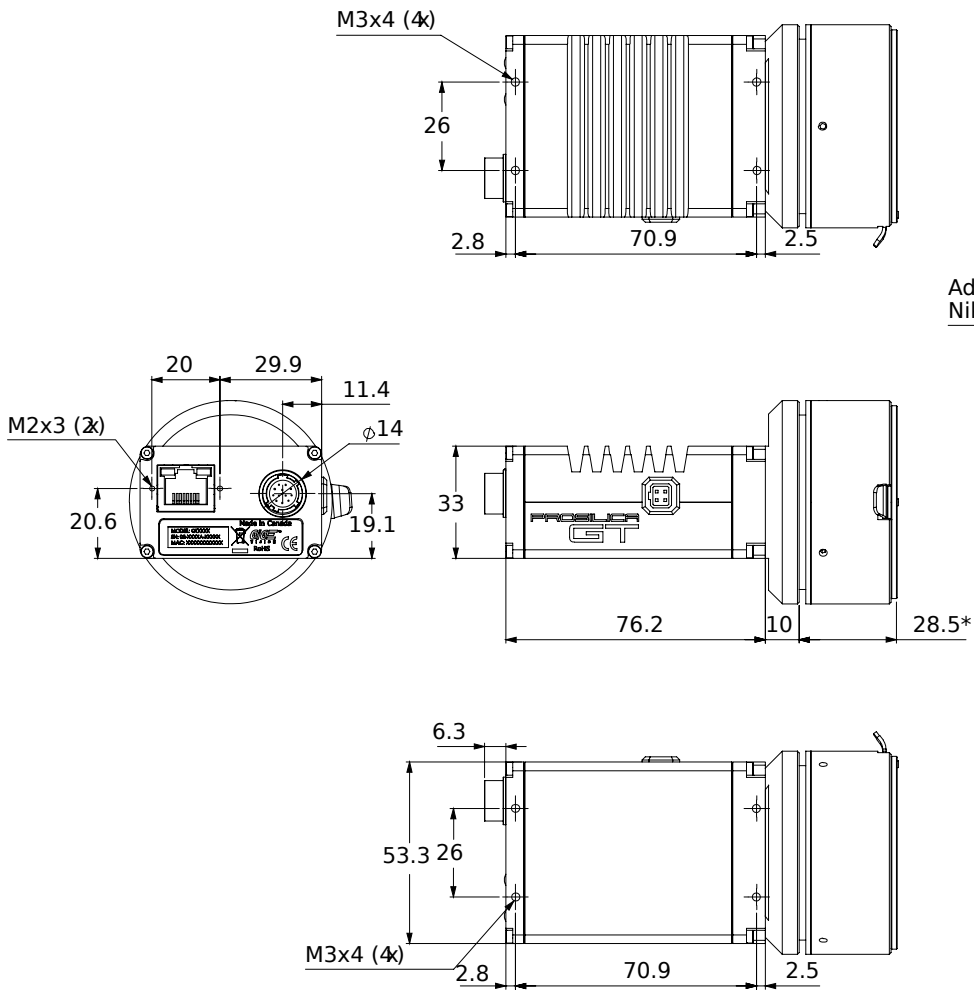
Image buffer (RAM): 128 MByte

Interfaces

Digital interface: IEEE 802.3 1000BASE-T, IEEE 802.3af (PoE)

Quantum Efficiency





*Nominal precise dimension is sensor dependent