PROSILICA

GS660 / 660C

SMARTER IMAGING FOR BETTER LIVES

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Right-angle GigE Vision Camera

- 119 fps at 659 x 493
- 5.6 x 5.6 µm pixel size
- High Sensitivity
- Sony ExView HAD sensor
- Progressive Scan CCD
- Very rugged

GIGE VISION™

Resolution	659x493
Sensor Type	1/4" CCD ExView HAD progressive scan Sony ICX618
Pixel Size (µm)	5.6 x 5.6
Maximum Frame Rate	119 fps at 659x493
Lens Mount	C-mount with adjustable back focus
Digital Interface*	GigE Vision 1.0
Interface Type	IEEE 802.3 1000baseT
Exposure Range	10µs to 60s
Region of Interest (ROI)	Independent x and y control; 1 pixel resolution
Binning	Independent H and V control
Imaging Modes	External trigger, Fixed frame rate, Software trigger
External Trigger Modes	Rising edge, Falling edge, Any edge, Level high, Level low
External Sync Modes	Trigger ready, Trigger input, Exposing, Readout, Imaging, Strobe, GPO
External Trigger/ Sync Connection	14-pin mini-DSub
Monochrome Modes	Mono8, Mono16†
Color Modes	Bayer8, Bayer16, RGB24, YUV411, YUV422, YUV444, BGR24, RGBA24, BGRA24
GPIO	1 isolated TTL input, 1 isolated TTL output, 1 non-isolated TTL input, 1 non-isolated TTL output, RS232 I/O
Power Consumption	3 W (12V)
Housing Size (mm)	55 x 95 x 25
Weight	185g
Conformity	CE, FCC, RoHS
SDK	Free - includes sample code and driver

*GigE Vision™ is a trademark of the Automated Imaging Association
†Mono16 is available on monochrome models only
Specifications are subject to change without notice

Please refer to the Prosilica web site for a full list of specifications

About the GS660 / 660C

The GS660 is a fast, VGA-resolution, high-performance machine vision camera with Gigabit Ethernet interface (GigE Vision™). The GS660 incorporates a Sony ExView HAD CCD sensor that has particularly high quantum efficiency and excellent NIR response for excellent image quality and sensitivity.

Applications for the GS660 include

- machine vision
- industrial inspection
- public security
- traffic monitoring
- microscopy

The Prosilica Advantage

- Image quality
- High reliability
- High performance
- Ultra-Compact
- Ease of use and integration
- Rich set of camera features