

## 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



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

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