

Fast & Sharp

# Prosilica GE. Kodak your life.



## Prosilica GE **GigE** VISION

- Fast frame rates
- VGA to 16 Megapixels
- Large choice of Kodak sensors
- Flexible binning up to 8 x 1000

Prosilica GE L x W x H = 80 x 51 x 39 mm incl. connectors, w/o tripod and lens. Mass < 180g (C-Mount)

Model	Interface	Resolution	MPixels	Frame rate	Sensortype	Sensor	A/D	Memory
GE680	GigE	640 x 480	0.3	205 fps	1/3 CCD	Kodak KAI-0340	12 bits	32 MB
GE1050	GigE	1024 x 1024	1	59 fps	1/2 CCD	Kodak KAI-01050	12 bits	32 MB
GE1650	GigE	1600 x 1200	2	32 fps	1.0 CCD	Kodak KAI-2020	12 bits	32 MB
GE1660	GigE	1600 x 1200	2	34 fps	2/3 CCD	Kodak KAI-02050	12 bits	32 MB
GE1900	GigE	1920 x 1080	2	30 fps	1.0 CCD	Kodak KAI-2093	12 bits	32 MB
GE1910	GigE	1920 x 1080	2	32 fps	2/3 CCD	Kodak KAI-02150	12 bits	32 MB
GE2040	GigE	2040 x 2048	4	15 fps	1.2 CCD	Kodak KAI-04022	12 bits	32 MB
GE4000*	GigE	4008 x 2672	11	5 fps	35 mm CCD	Kodak KAI-11002	12 bits	32 MB
GE4900*	GigE	4872 x 3248	16	3 fps	35 mm CCD	Kodak KAI-16000	12 bits	32 MB

\* F-Mount housing, L x W x H = 111 x 66 x 66 mm. Mass < 369 g

## Prosilica GE Cameras

Prosilica GE cameras offer very fast frame rates, flexible binning options (up to 8 x 1000) and programmable Mini-SMB connectors on the back, which facilitate triggering in multi-camera applications.

## Operating Conditions

Power requirements DC 5 V - 24 V via auxiliary power port  
 Power consumption < 3.0 W (@ 12 V DC)  
 Operating temperature +0 ... +50 °Celsius ambient temp.  
 Storage temperature - 0 ... +70 °Celsius ambient temp.  
 Regulations CE, FCC Class A, RoHS (2002/95/EC)

## Smart Features

- ROI (Region of Interest Readout)
- Gain, exposure
- White balance
- DSP subregion (selectable ROI for auto features)
- Binning
- Image hold
- StreamBytesPerSecond (easy bandwidth control)
- Event Channel
- Chunk data
- Recorder mode (pre/post trigger recording)
- Storable user sets

## Options

- CS-Mount (only GE680, GE1050)
- F-Mount (except for GE4000, GE4900)
- Taped cover glass (except for GE1050), for some models available with or without microlenses
- EF-Mount adapter (only GE4000, GE4900)
- IR cut filter on monochrome cameras
- Kodak Class 1 and Class 0 sensors (only GE4000/4900)



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