

**SENTECH**

# GigE Cameras

For More Information Call  
+(972)-481-9223  
Toll Free USA  
1-(877)-SENTECH  
(736-8324)

**New!**



**GiGE**<sup>TM</sup>  
VISION

GEN<i>CAM

**GiGE**<sup>TM</sup> Cameras by Sentech  
VISION

### 3 Configurations:

Standard  
Standard OEM (Custom Code from Sentech)  
Custom OEM (Xilinx or Altera based User FPGA)

### 5 Resolutions:

From VGA to QSXGA (5 MegaPixel)

### Color or B/W:

B/W: Gray Scale - 8/10/12 bit raw data  
*or*  
Color: On Board Color Interpolation *or* 8/10/12 bit raw data

### Communications:

RS232 over 12pin Hirose *or* Over Ethernet Connector

### Small Size:

44 (W) x 29 (H) x 72.7(D) mm (1.73" x 1.14" x 2.86")  
(Standard Configuration)

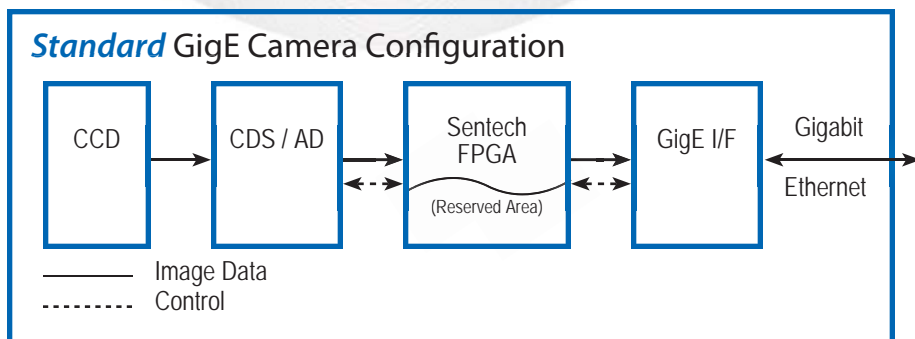


Sentech **GiGE**<sup>TM</sup> VISION, blasting past the competition!

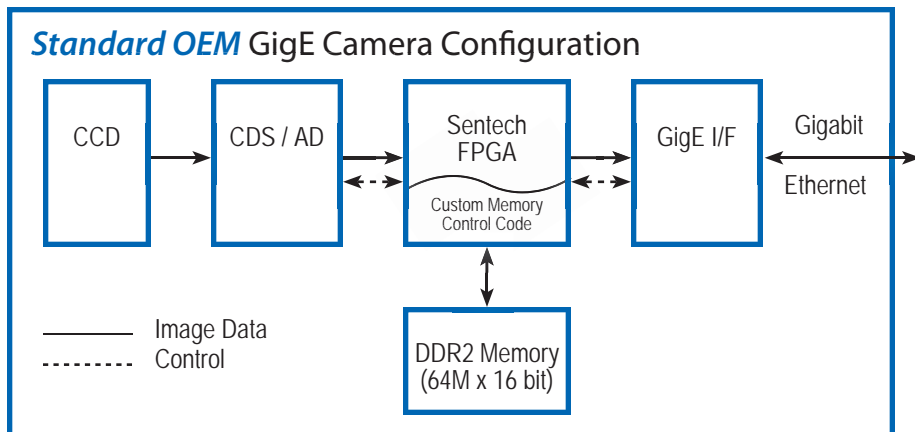
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## 3 Configurations:

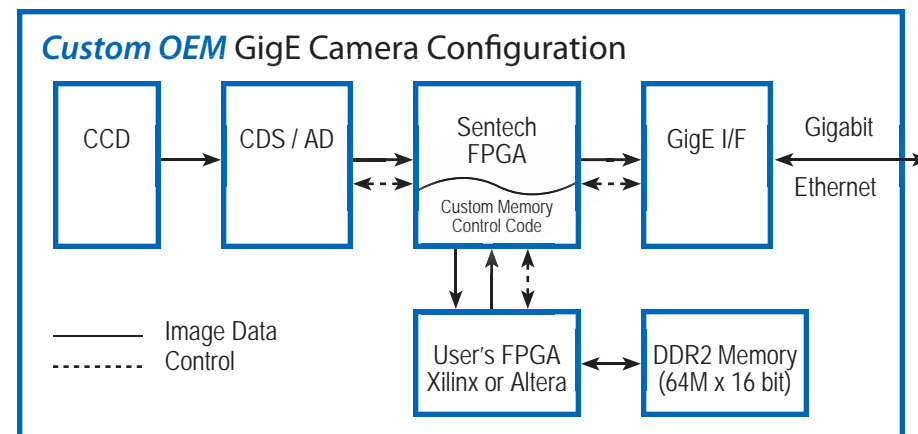


Sentech's **Standard** GigE Camera Configuration is GigE Vision and Genicam compliant. Includes a complete SDK. Is available in Color or B/W and comes in 5 resolutions from VGA to QSXGA (5MP).



Sentech's **Standard OEM** GigE Camera Configuration is GigE Vision and Genicam compliant. This system would be completely programmed and built by Sentech. However, the Custom Memory Control Code (inside the Sentech FPGA) and use of the DDR2 memory would be based on the customer's requirements and specifications. Includes a complete SDK. Is available in Color or B/W and comes in 5 resolutions from VGA to QSXGA (5MP).

## SENTECH



Sentech's **Custom OEM** GigE Camera Configuration is GigE Vision and Genicam compliant. This camera features a "user" FPGA and DDR2 memory. With this camera, the user can program with their own proprietary code and have complete control over the DDR2 memory allowing faster downstream system processing. Includes a complete SDK. Is available in Color or B/W and comes in 5 resolutions from VGA to QSXGA (5MP).

## 5 Resolutions:

- VGA 1/3" CCD, (648 x 494) up to 90 fps, 0.3MP
- XGA 1/3" CCD (1024 x 768) 30 fps, 0.8MP
- SXGA 1/3" or 1/2" CCD (1280 x 960), 30 fps, 1.3MP
- UXGA 1/1.8" CCD (1620 x 1236), 15 fps, 2MP
- QSXGA 2/3" CCD (2448 x 2050), 15 fps, 5MP

