

The brand NEW G model

**CURRERA**

# THE FIRST VISION SYSTEM:

won't break your budget  
has Dual Core CPU + GPU  
is USB3 Vision compliant  
has 4 USB3 camera heads



ximea

**CURRERA**  
**G**

**USB<sup>TM</sup>**  
**VISION**

# CURRERA-G All-in-one intelligent PC camera with up to 5 image sensors: 1 internal plus 4 external

## Highlights

- Dual Core AMD Fusion processor • Combination of the power of x86 CPU and GPU (integrated on a single die)
- Heterogeneous platform: dual core x86/x64 1.6Ghz, 80 GPGPU cores running at 500 MHz, 90Gflops combined performance
- 2GB DDR3 / LVDDR3-1066 soldered on-board (2 Gbyte of 64-bit DDR3-1333 memory), up to 32 GB SSD
- GPGPU programmable via OpenCL • Full support for zero-copy transfers paradigm
- Wide variety of Global Shutter CMOS sensors ranging from VGA up to 4MPix with framerates up to 600fps and HDR models
- 1x LED illuminator controller, with isolated input and up to 1A,80V(20W) output + analog/PWM control through PLC
- 1x Embedded fast micro PLC • 4x USB3.0 ports on two independent host controllers • 1x USB2.0
- 1x HDMI Port with 1920x1200 resolution • 4x Isolated Inputs • 4x Isolated Outputs
- 1x microSD card slot for additional storage • 1x Gigabit Ethernet with PoE IEEE 802.3at Type 2 support

## Compatibility

Standard **Windows & Linux** operating systems • USB3 Vision • GenICam/GenTL • Single SDK/API for all XIMEA camera models  
Compatible with over 30 image processing libraries:

- HALCON • LabVIEW • MATLAB • OpenCV •
- Matrox Imaging Library • VisionPro • Common Vision Blox •
- 3DExpress • ActiveGen<i> • Adaptive Vision Studio • Aforge.NET • AQSENSE SAL3D • Astroart • Digital Optics V++ •
- EyeVision • ImageWarp • Integrating Vision Toolkit • Pinta • Keyetech • libdmtx • µManager • NeuroCheck •
- SentiSight • StreamPix • RoboRealm • Modular-X • ThirdSight • Scorpion • VisionLab • Voyant Vision •

## Software, tools & support

Efficient on-site customer support framework  
Sample applications and projects  
Extensive diagnostics tools for installation and performance troubleshooting

## Models table

B/W sensors	Color sensors	Extended infrared sensors	Sensor resolution	Frames/sec
CG003MG-CM	CG003CG-CM		648 x 488	600
CG013MG-E2	CG013CG-E2	CG013RG-E2	1280 x 1024	60
CG013MG-ON	CG013CG-ON		1280 x 1024	150
CG020MG-E2	CG020CG-E2		1600 x 1200	60
CG022MG-CM	CG022CG-CM	CG022RG-CM	2048 x 1088	180
CG042MG-CM	CG042CG-CM	CG042RG-CM	2048 x 2048	90

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Advance information, please contact sales for availability information.

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