

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

USBTM
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 |

Please visit ximea.com for complete product information. E-mail our sales team sales@ximea.com for your price.
Advance information, please contact sales for availability information.

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