

USB3 Vision Cameras

EASY

easy on you
easy on your application
easy on your customer
easy on your budget



USBTM
VISION

xiQ

USB3 Vision cameras for the widest range of machine vision applications

ximea

xiQ USB3 Vision cameras

Highlights

- Size:** The smallest and the lightest USB3 Vision camera
Power: The lowest power consumption 1 to 1.8 Watts
Speed: Extremely low latency: all data are being transferred directly to the RAM of the PC
Sensors: Most recent generation of CMOS sensors with Global shutter.
Cable length: Cable length up to 8m without active repeaters, 100 meters with active repeater
Others: Sealed body, easily user convertible between C-Mount, CS-Mount and S-mount
Filter glass easily removable or replaceable by other 1" filters
Modular bracket system for industry most versatile mounting options

Compatibility

Software: Single SDK/API for all camera models. **Windows, Linux and OS X** drivers available. Support for over 30 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 ●

USB3 Vision™ Standard compliant
USB 3.0 SuperSpeed compliant
Downward compatible with USB2.0

Software, tools & support

Efficient on-site customer support framework
Mainstream interface - USB3.0 interface available on each PC
Extensive diagnostics tools for installation and performance troubleshooting

Models table

B/W sensor models	Color sensor models	Extended infrared sensors	Resolution	Frames/sec
MQ003MG-CM	MQ003CG-CM		648 x 488	600
MQ013MG-E2	MQ013CG-E2	MQ013RG-E2	1280 x 1024	60
MQ013MG-ON	MQ013CG-ON		1280 x 1024	150
MQ020MG-E2	MQ020CG-E2		1600 x 1200	60
MQ022MG-CM	MQ022CG-CM	MQ022RG-CM	2048 x 1088	180
MQ042MG-CM	MQ042CG-CM	MQ042RG-CM	2048 x 2048	90

Please visit ximea.com for complete product information. E-mail sales@ximea.com for price and availability.

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