**xiQ compact USB3 cameras**

A superb workhorse: smallest, lightest and single board design

**Facts**
- Small 26 x 26 mm or 1x1" front face size
- Lightweight at 32 g
- VGA sensor at > 500 fps
- 1080p Full HD at 170 fps
- RGB, monochrome and NIR enhanced sensors

**Features**
- Standardized industrial grade USB interface
- Unique single PCB layout
- Lowest power consumption
- Flexible/programmable GPIO option
- USB3 Vision® compliant
- Very compact cameras
- Available as housed, semi-housed and board level versions
- Rugged and lightweight, aluminum alloy CNC machined housing
Big in performance, small in size
Designed to be tiny in size, low in mass and with high efficiency, this series is a tremendous asset in the machine vision and mobile scenarios. Its compact design offers superb options in mobile solutions. The extremely low power consumption results in excellent properties in heat sensitive environments.

Versatile
The semi-housed version comes as a complete camera with a cutout in the housing for flex ribbon connection. It relieves the integrator of the necessity to handle sensitive board level units where sensors and electronics are easily damaged in an integration process. The flat ribbon cable saves valueable z-axis space in cramped environments. Data, power, and IOs all run through this cable making integration a breeze.

Housing examples
- Standard C/CS-mount with model-specific, customized filter glass
- Housed cameras with Micro-B connector
- Semi housed cameras with ‘FL’ ribbon cable connector

Supported operating systems
- Windows
- Linux
- macOS

Language support
- C
- C#
- Python

Standards
- GENICAM
- USB3 Vision
- OpenCV
- HALCON

Supported vision libraries
- MATLAB
- LabVIEW

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### Sensors and models

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**Notes**

1. Full resolution, RAW8 format
2. Full resolution, RAW8 format, sensor is not operating in Zero ROT mode / sensor is operating in Zero ROT mode
3. HDR mode available
4. In the model name please add -BRD to address the board-level camera
5. In the model name please add -FL-BRD to address the board-level camera with a vertical orientation of flat ribbon connector
6. In the model name please add -FL to address a camera with horizontal orientation of flat ribbon connector
7. In the model name please add -SL-BRD to address slim-line board-level camera
8. The recent sales figures have declined to a level which can no longer be sustained, resulting in a discontinuation of the camera. To find alternatives or if you have further questions, please contact our sales team.

Further information

Please visit us at [www.ximea.com](http://www.ximea.com) for complete and up-to-date specifications. Get in touch with our teams at sales@ximea.com. We will be glad to assist!