

# Scientific & high-end cameras

extreme performance  
excellent value  
exceeds expectations



# Engineered for Extreme Performance

## Highlights

- Ultra-low readout noise
- Crystal clear 14 bit/pixel images in all modes
- Partial readout and several binning modes with enhanced sensitivity and higher frame rates
- Compact mechanical housings and single board designs facilitate OEM integrations
- External triggering

## Compatibility

- Software Windows and Linux
- Compatible with over 30 image processing libraries
- GenICam/GenTL
- Single SDK/API for all XIMEA camera models
- Interfaces FireWire IEEE1394 and USB 3.0 (introduction in 2013)

## Support

- Unique on-site customer support framework
- Sample applications and projects
- Extensive set of installation troubleshooting tools

## Models

### xiRAY 11 Mpix and 16 Mpix fiber optics coupled x-Ray cameras

Model	Sensor	Resolution	Fiber optic plate
xiRAY11	KAI-11002	4008 x 2672	MH110XC-KK
xiRAY16	KAI-16000	4872 x 3248	MH160XC-KK

### xiC 11 Mpix and 16 Mpix Peltier cooled cameras

Model	Sensor	Resolution	B/W cooled	Color cooled
xiC11	KAI-11002	4008 x 2672	MH110MC-KK	MH110CC-KK
xiC16	KAI-16000	4872 x 3248	MH160MC-KK	MH160CC-KK

### MR 1.4 to 16 Mpix, optional Peltier cooling

Model	Sensor	Resolution	B/W	B/W cooled	Color	Color cooled
MR285	ICX285	1376 x 1032	MR285MU-BH	MR285MC-BH	MR285CU-BH	MR285CC-BH
MR4021	KAI-4021	2048 x 2048	MR4021MU-BH	MR4021MC-BH	MR4021CU-BH	MR4021CC-BH
MR4022	KAI-04022	2048 x 2048	MR4022MU-BH	MR4022MC-BH	MR4022CU-BH	MR4022CC-BH
MR11002	KAI-11002	4008 x 2672	MR11002MU-BH	MR11002MC-BH	MR11002CU-BH	MR11002CC-BH
MR16000	KAI-16000	4872 x 3248	MR16000MU-BH	MR16000MC-BH	MR16000CU-BH	MR16000CC-BH

### MD 2.0 to 29 Mpix, Peltier cooling, USB 3.0 interface (Introduction in 2013)

New generation of cameras based on Sony 4 taps sensors: ICX674, ICX694, ICX814, Kodak 7.4µm family: KAI-02170, KAI-04070, KAI-16070, and 5.0µm family: KAI-02050, KAI-04050, KAI-08050, KAI-29050

Please request availability and pricing information at [sales@ximea.com](mailto:sales@ximea.com)

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