

Reproducible
measured values
and image quality.



Flexible board level cameras.

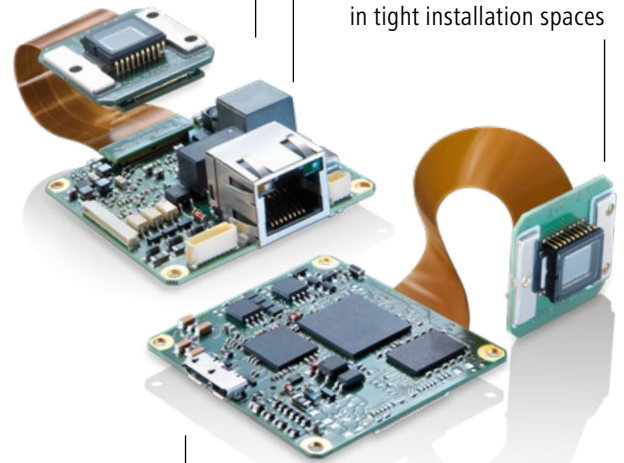
Based on the *VisiLine*® platform, cameras of the MX series are particularly developed for use in embedded systems. The remote sensor circuit board is connected to the system circuit board via flexprint to make the board level cameras fit in almost any installation space.

USB 3.0 camera models provide you with simple Plug & Play functionality and a single-cable solution. GigE cameras master a transmission distance up to 100 meter cable length and support PoE.

Digital, opto-decoupled
inputs and outputs
reliable protection
against overvoltage

Flexible power supply
GigE: 12–24 V or PoE

Remote sensor circuit board
maximum flexibility
in tight installation spaces



USB3 Vision™
for reliable system integration

MX series

- Up to 4 megapixel and 376 fps
- CCD and CMOS sensors
- Multi I/O for increased flexibility
- CMOS models with FPN correction and HDR



GigE
VISION

USB
VISION

Camera Type	Variants		Sensor Type	Sensor	Shutter	Resolution [px]	Pixel Size [µm]	Full Frames [fps]	
	Mono	Color						GigE Vision®	USB3 Vision™
MXG02 / MXU02	•	•	1/4" CCD	ICX618	Global	656 × 490	5.6 × 5.6	160	160
MXGC03	•	•	1/3" CMOS	CMV300	Global	640 × 480	7.4 × 7.4	376	–
MXG12 / MXU12	•	•	1/3" CCD	ICX445	Global	1288 × 960	3.75 × 3.75	42	42
MXG20 / MXU20	•	•	1/1.8" CCD	ICX274	Global	1624 × 1228	4.4 × 4.4	27	27
MXGC20 / MXUC20	•	•	2/3" CMOS	CMV2000	Global	2040 × 1084	5.5 × 5.5	55	55
MXGC40 / MXUC40	•	•	1" CMOS	CMV4000	Global	2040 × 2044	5.5 × 5.5	29	29