

M-CAMERAS

M-Series deliver quick, easy integration, solving the most complex machine vision applications.

The unique ability to mix and match color, grayscale, multi-imager, area and linescan cameras with a MX-E vision processor allows users to define, select and deploy the perfect imaging solution for high-speed, multi-camera machine vision inspections.



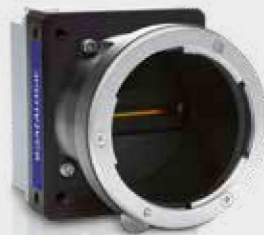
M100 Series



M200 Series



M300 Series



M500 Series

BENEFITS

- GigE compatible for fast integration with MX-E Series vision processors
- Compact size fits many machine configurations
- High-speed trigger input
- High-speed strobe light output
- C-mount lens support
- IP30 rated housing
- CE, FCC and RoHS compliant

HIGHLIGHTS

- GigE compatible for easy communication to MX-E Series vision processors
- VGA to 5MP resolution, in both grayscale and color
- Camera settings fully controllable by IMPACT Software
- Power over Ethernet (PoE) reduces cabling complexity (only M1xx)
- Compact form factor (as small as 29 mm x 29 mm x 60 mm) enables mounting in space-constrained locations
- Asynchronous triggering enables each camera to independently capture images at rates up to 210 frames per second (fps)
- Trigger and strobe I/O on camera eases integration

TECHNICAL SPECIFICATIONS

AREASCAN

	GRayscale MODEL	COLOR MODEL	RESOLUTION	IMAGER	SHUTTER	FRAME RATE (FPS)	PoE
	M100	M100C	640 x 480	1/4" CCD	Global	100	■
	M110	M110C	640 x 480	1/3" CCD	Global	90	■
	M115	M115C	659 x 494	1/2" CCD	Global	100	■
	M125	M125C	782 x 582	1/2" CCD	Global	75	■
	M150	M150C	1296 x 966	1/3" CCD	Global	30	■
	M180	M180C	1628 x 1236	1/1.8" CCD	Global	20	■
	M190	M190C	2048 x 1088	2/3" CMOS	Global	50	■
	M195	M195C	2048 x 2048	1" CMOS	Global	25	■
	M197	M197C	2592 x 1944	1/2.5" CMOS	Rolling	14	■
	M200	M200C	659 x 494	1/3" CCD	Global	70	
	M202	M202C	659 x 494	1/2" CCD	Global	79	
	M250	M250C	1280 x 960	1/3" CCD	Global	32	
	M295	M295C	1628 x 1236	1/1.8" CCD	Global	28	
	M300	M300C	648 x 488	1/3" CCD	Global	210	
	M330	M330C	1004 x 1004	2/3" CCD	Global	60	
	M350	M350C	1608 x 1208	1" CCD	Global	35	
	M390	M390C	2448 x 2050	2/3" CCD	Global	17	

LINESCAN

	MODEL	RESOLUTION	MAX LINE RATE	PIXEL SIZE	C-MOUNT	F-MOUNT	M42-MOUNT
	M565	2048	51 kHz	7 µm x 7 µm	■	■	■
	M570	4096	26 KHz	7 µm x 7 µm		■	■
	M575	6144	17 KHz	7 µm x 7 µm		■	■
	M580	8192	12 KHz	3.5 µm x 3.5 µm		■	■

M500 Series

