

E100 SERIES CAMERAS

The E100 Series features a state-of-art grayscale or color CMOS image sensor and supports standard vision GigE connectivity. Thanks to their small housing, E100 Series allow for easy installation in locations where space is constrained.

The E100 Series is the ideal solution for fast embedded vision system integration and ensures an outstanding price/performance ratio. High resolution and frame rate guarantee superior image acquisition for tackling the most complex machine vision applications.



BENEFITS

- Reduced size for minimum space requirements
- GigE vision camera interface
- High frame rate for superior image acquisition and processing
- State-of-art grayscale and color CMOS image sensors
- C-mount lens support
- IP30 rated housing
- CE, FCC and RoHS compliant

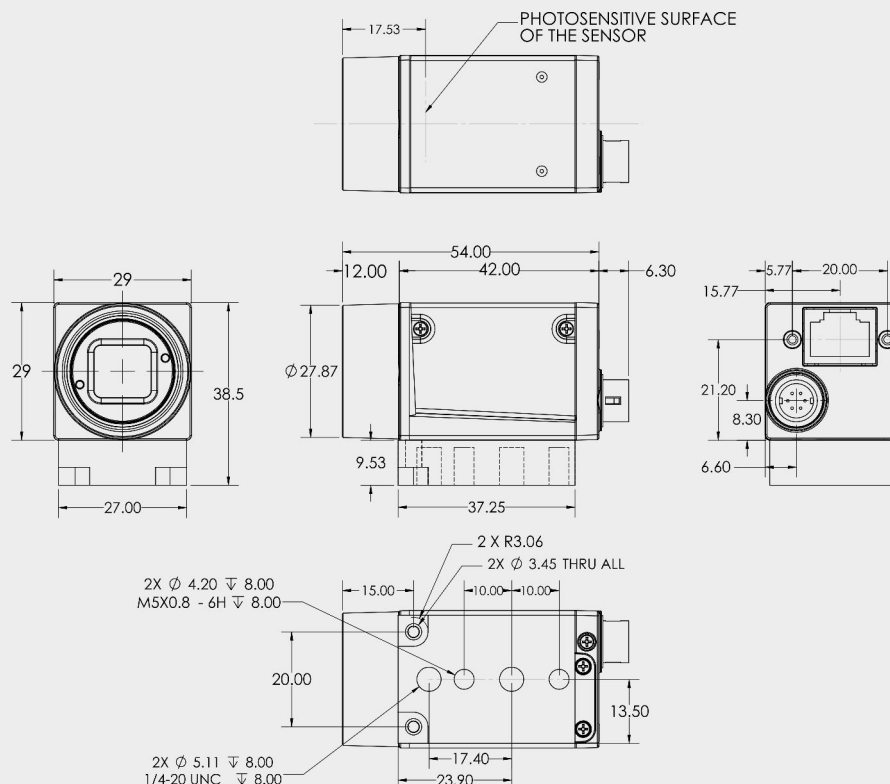
HIGHLIGHTS

- GigE compatible to MX-E Series vision processors
- VGA to 5MP resolution, in both grayscale and color
- CMOS image sensors for high speed performance
- Power over Ethernet (PoE) guarantees minimum wiring and easy installation
- Compact housing (as small as 29 mm x 29 mm x 60 mm) enables mounting in space-constrained locations
- High frame rate ensures image capture at rates up to 300 frames per second (fps)
- Trigger and strobe I/O provide outstanding integration flexibility

TECHNICAL DATA

GRAYSCALE MODEL	COLOR MODEL	RESOLUTION	IMAGER	SHUTTER	FRAME RATE (FPS)	PoE
E101	E101C	640 x 480	1/4" CMOS	Global	300	▪
E151	E151C	1280 x 1024	1/2" CMOS	Global	75	▪
E182	E182C	1600X1200	1/1.8" CMOS	Global	60	▪
E193	E193C	2048 x 1536	1/1.8" CMOS	Global	35	▪
E198	E198C	2448 x 2048	2/3" CMOS	Global	20	▪

MECHANICAL DRAWINGS



[mm]

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

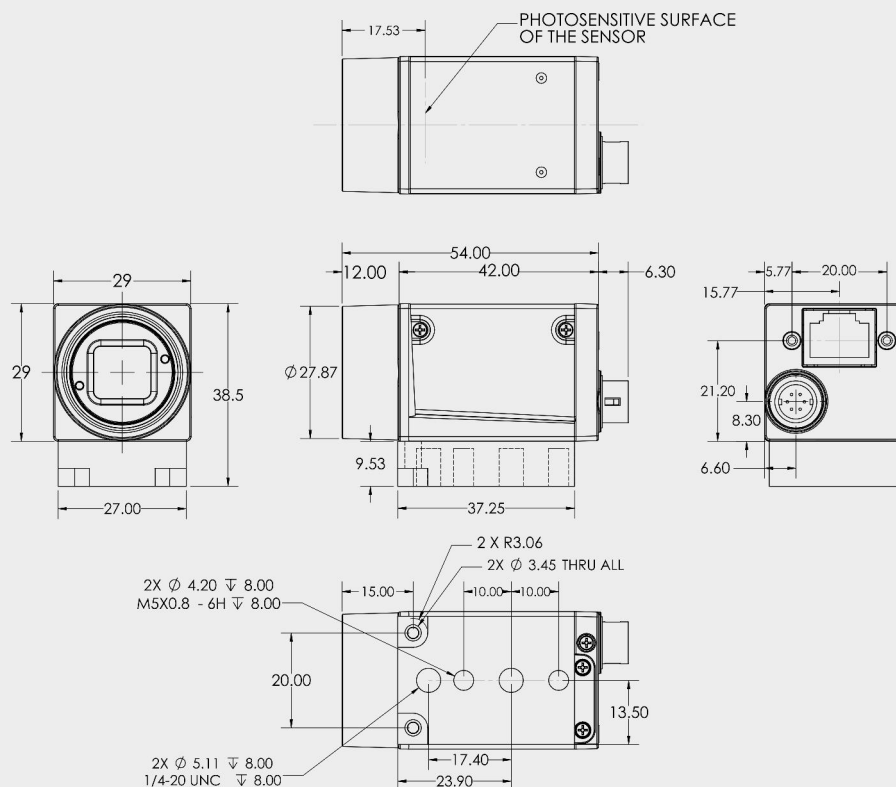
	GRAYSCALE MODEL	COLOR MODEL	RESOLUTION	IMAGER	SHUTTER	FRAME RATE (FPS)	PoE
	M100	M100C	640 x 480	1/4" CCD	Global	100	■
	M110	M110C	640 x 480	1/3" CCD	Global	90	■
	M115	M115C	659 x 494	1/2" CCD	Global	100	■
	M125	M125C	782 x 582	1/2" CCD	Global	75	■
	M150	M150C	1296 x 966	1/3" CCD	Global	30	■
	M180	M180C	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

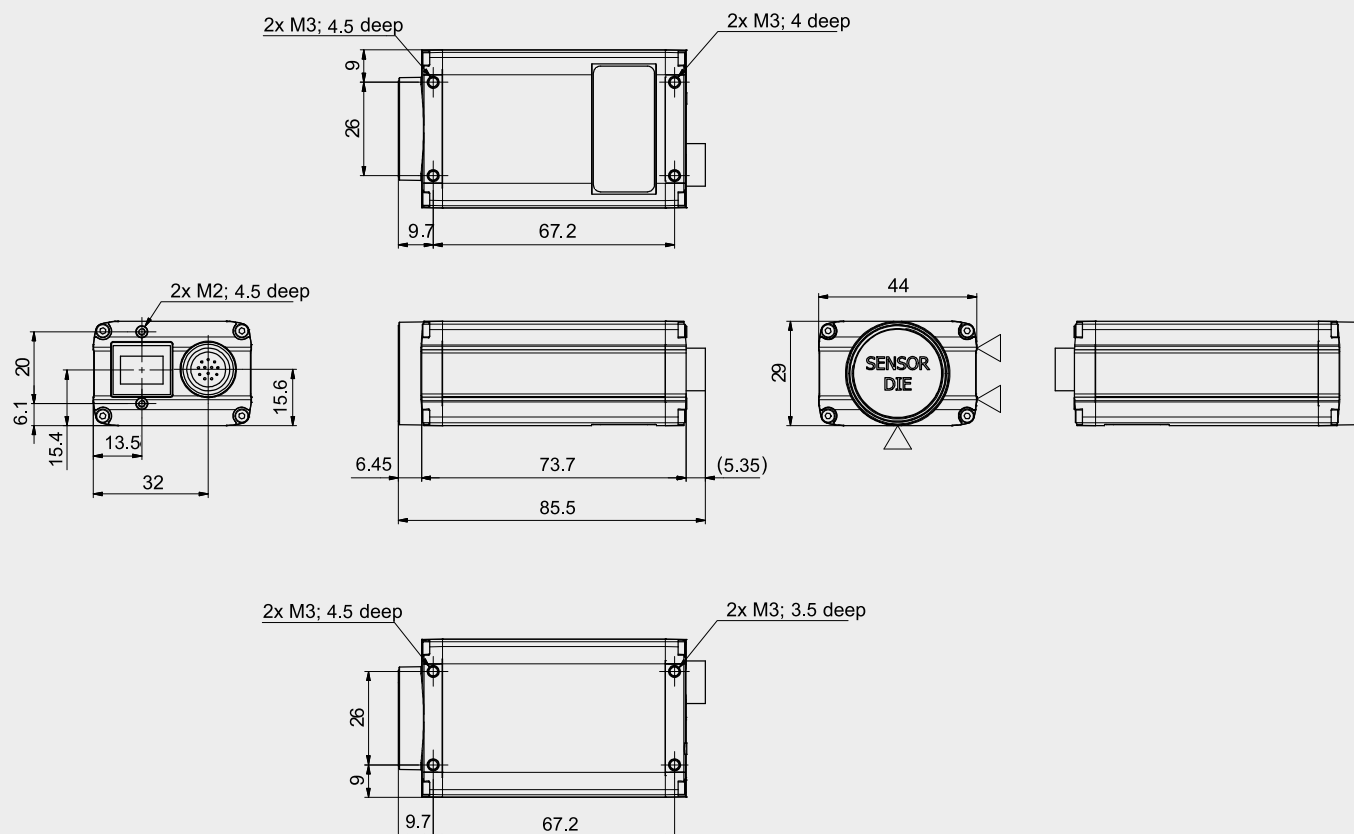
	MODEL	RESOLUTION	MAX LINE RATE	PIXEL SIZE	C-MOUNT	F-MOUNT	M42-MOUNT
	M565	2048	51 kHz	7 µm x 7 µm	■	■	■
	M570	4096	26 KHz	7 µm x 7 µm		■	■
	M575	6144	17 KHz	7 µm x 7 µm		■	■
	M580	8192	12 KHz	3,5 µm x 3,5 µm		■	■

DIMENSIONS

M100 Series

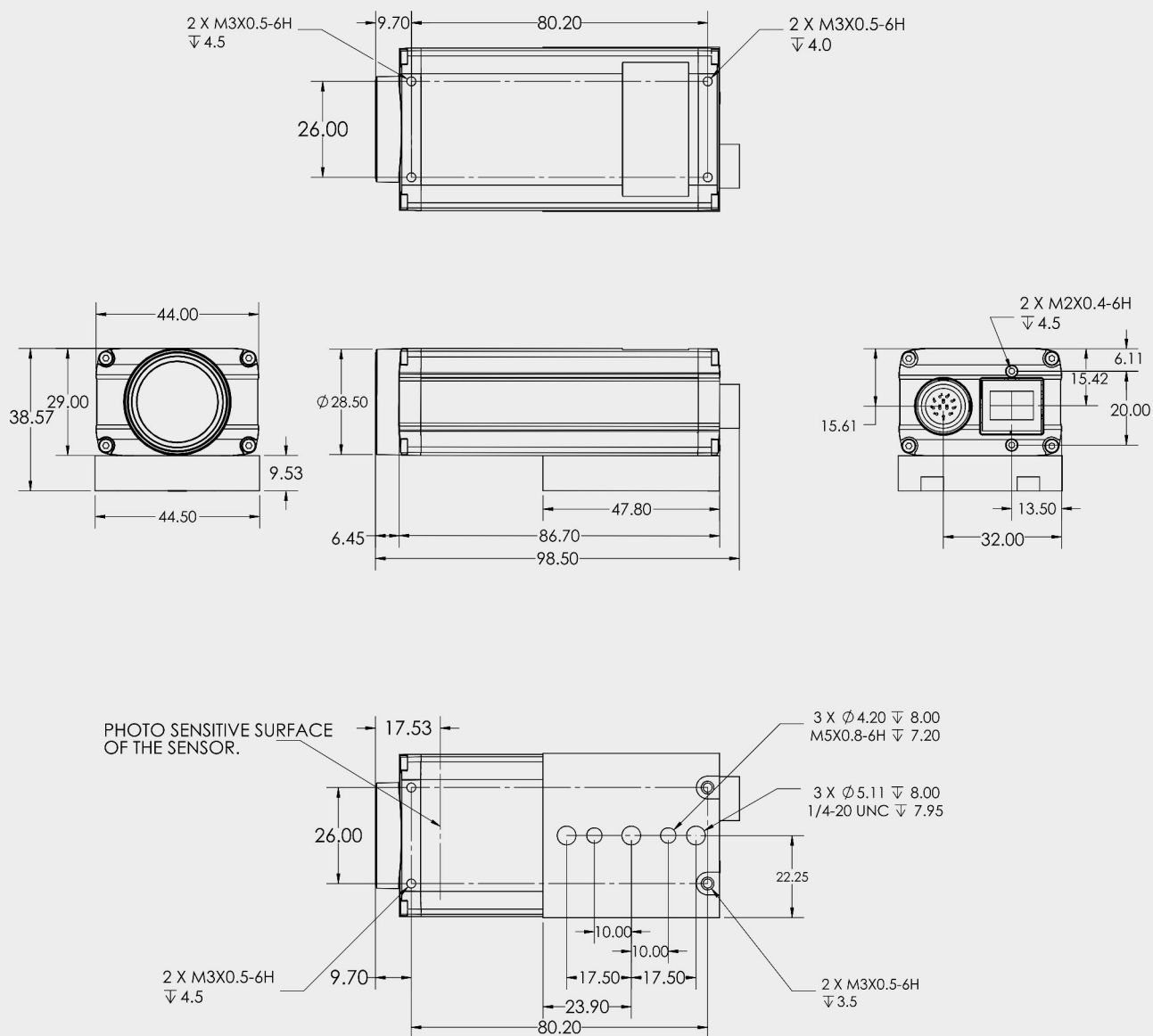


M200 Series



DIMENSIONS

M300 Series



DIMENSIONS

M500 Series

