VISION

◆DATALOGIC

VISION

M100 Series

M300 Series

M200 Series

M-SERIES CAMERAS

M-Series cameras enable fast integration of challenging machine vision solutions. The unique ability to mix and match color, gray-scale, ingress protected, multi imager, right angle and line scan cameras with an MX-Series processor lets you define, select and deploy the perfect imaging solution for high-speed, multi-camera machine vision inspections.

HIGHLIGHTS

- GigE compatible for easy communication to M-Series processor
- VGA to 5MP resolution, in both gray scale and color
- Camera settings fully controllable by Impact Software
- Power over Ethernet (PoE) reduces cabling complexity
- Small form factor (as little as 29 mm x 29 mm x 60 mm) enables mounting in space-constrained locations
- Right-angle camera models for added camera mounting options
- 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

SPECIFICATIONS

GRAY-SCALE CAMERA MODEL	COLOR CAMERA MODEL	RESOLUTION	IMAGER TYPE/ SIZE (in.)	FRAME RATE (FPS)	MOUNTING DIMENSIONS (mm)
M100	M100C	659 x 494	CCD (1/4)	100	29 x 29 x 60.3
M110	M110C	659 x 494	CCD (1/3)	90	29 x 29 x 60.3
M150	M150C	1296 x 966	CCD (1/3)	30	29 x 29 x 60.3
M180	M180C	1628 x 1236	CCD (1/1.8)	20	29 x 29 x 60.3
M200*	M200C*	659 x 494	CCD (1/3)	70	44 x 29 x 85.5
M202*	M202C*	659 x 494	CCD (1/2)	79	44 x 29 x 85.5
M205	M205C	752 x 480	CMOS (1/3)	64	44 x 29 x 85.5
M210*	M210C*	782 x 582	CCD (1/2)	55	44 x 29 x 85.5
M230*	M230C*	1034 x 779	CCD (1/3)	31	44 x 29 x 85.5
M250*	M250C*	1296 x 966	CCD (1/3)	32	44 x 29 x 85.5
M270*	M270C*	1392 x 1040	CCD (2/3)	30	44 x 29 x 85.5
M295*	M295C*	1628 x 1236	CCD (1/1.8)	28	44 x 29 x 85.5
M300*	M300C*	648 x 488	CCD (1/3)	210	44 x 29 x 98.5
M330*	M330C*	1004 x 1004	CCD (2/3)	60	44 x 29 x 98.5
M350*	M350C*	1608 x 1208	CCD (1)	35	44 x 29 x 98.5
M390*	M390C*	2448 x 2050	CCD (2/3)	17	44 x 29 x 98.5

*Right-angle models available. To order gray-scale right-angle cameras, specify Model MXXX-RA. To order color right-angle cameras, specify Model MXXXC-RA.

BENEFITS

- GigE compatible for fast integration with M-Series processors
- Compact size fits many machine configurations
- High-speed trigger input
- High-speed strobe light output
- Global shutter
- C-mount lens support
- IP30 rated housing
- CE, FCC and RoHS compliant
- Utilizes color inspection tools