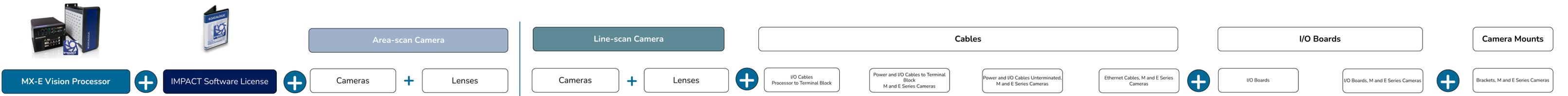
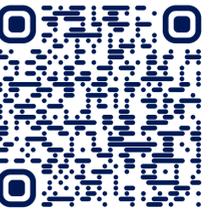


MX-E Series Vision Processor Accessories



MX-E Vision Processor

IMPACT Software License

Cameras + Lenses

Cameras + Lenses

I/O Cables Processor to Terminal Block

Power and I/O Cables to Terminal Block

Power and I/O Cables Unterminated, M and E Series Cameras

Ethernet Cables, M and E Series Cameras

I/O Boards

I/O Boards, M and E Series Cameras

Brackets, M and E Series Cameras

MX-E25
Up to 2x - 1000 Mbps Base-T, PoE camera ports

MX-E45
Up to 4x - 1000 Mbps Base-T, PoE camera ports

MX-E90
Up to 8x - 1000 Mbps Base-T, PoE camera ports

IMPACT BASIC (INCLUDED)

- Complete set of inspection & communication tools
- Multi-task programming
- VPM, VPM display, CPM, and SDK
- Locator: BluEye Tool
- Standard OCR

IMPACT ENHANCED

- IMPACT BASIC
- Advanced OCR
- Alternative Locator: Pattern Find tools

PN: 95A90008

IMPACT PRO

- IMPACT ENHANCED
- Professional Locator: Pattern Sorting Tool

PN: 95A90009

Area-scan Cameras

- E101: 640 x 480, 1/4" CMOS Global Shutter, 300 fps, PoE PN: 959933022
- E101C (color): 640 x 480, 1/4" CMOS Global Shutter, 300 fps, PoE PN: 959933023
- E151: 1280 x 1024, 1/2" CMOS Global Shutter, 75 fps, PoE PN: 959933024
- E151C (color): 1280 x 1024, 1/2" CMOS Global Shutter, 75 fps, PoE PN: 959933025
- E181: 1920 x 1200, 2/3" CMOS Global Shutter, 48 fps, PoE PN: 959933026
- E181C (color): 1920 x 1200, 2/3" CMOS Global Shutter, 48 fps, PoE PN: 959933027
- M197: 2592 x 1944, 1/2.5" CMOS Rolling Shutter, 14 fps, PoE PN: 959931010
- M197C (color): 2592 x 1944, 1/2.5" CMOS Rolling Shutter, 14 fps, PoE PN: 959931011
- E198: 2448 x 2048, 2/3" CMOS Global Shutter, 20 fps, PoE PN: 959933044
- E198C (color): 2448 x 2048, 2/3" CMOS Global Shutter, 20 fps, PoE PN: 959933045

E2-Series

- E2-123 (mono): 4096 x 3000, 1/1.1" CMOS Global Shutter, 9 fps, PoE PN: 959980011
- E2-123 (color): 4096 x 3000, 1/1.1" CMOS Global Shutter, 9 fps, PoE PN: 959980012
- E2-244 (mono): 5328 x 4608, 1/2" CMOS Global Shutter, 4 fps, PoE PN: 959980013
- E2-244 (color): 5328 x 4608, 1/2" CMOS Global Shutter, 4 fps, PoE PN: 959980014

Line-scan Cameras (grayscale)

- M565: 2048, 14.3 mm Linescan, 51 KHz PN: 959931002
- M570: 4096, 28.7 mm Linescan, 26 KHz PN: 959931003
- M575: 6144, 43 mm Linescan, 17 KHz PN: 959933020
- M590: 8192, 28.7 mm Linescan, 12 KHz PN: 959933021

C-Mount Lenses for Area-scan Cameras

- 6 mm, C-mount, 2.3"
- 4.5 mm, C-mount, 2.3"
- 8 mm, C-mount, 2.3"
- 12 mm, C-mount, 2.3"
- 16 mm, C-mount, 2.3"
- 25 mm, C-mount, 2.3"
- 35 mm, C-mount, 2.3"
- 50 mm, C-mount, 2.3"
- 75 mm, C-mount, 2.3"

For the full range of available area scan cameras, contact your sales representative.

F-Mount Lenses for Line-scan Cameras

- Lens, 28 mm, F-Mount, M72 x 0.75 Filter Thread PN: 927-1-19711
- Lens, 35 mm, F-Mount, M52 x 0.75 Filter Thread PN: 927-1-19712
- Lens, 50 mm, F-Mount, M52 x 0.75 Filter Thread PN: 927-1-19713
- Lens, 28 mm, F-Mount for 43.2 mm Sensor PN: 95A906111



Core IMPACT Modules

- Code Reader & OCR/OCV**: Includes Art. Nr. 785547, Hex socket head cap screws, M10x25, 8 Pcs., Art. Nr. 785547.
- Image Filtering**: Shows various filter settings for image processing.
- Color Analysis**: Shows Silver and Bronze color calibration targets.
- Object Location**: Shows precise measurement and object detection capabilities.

I/O Cable Processor to Terminal Block

- 0.75 m: PN: 606-0675-75
- 3 m: PN: 606-0675-3
- 4.5 m: PN: 606-0675-4.5
- 7.5 m: PN: 606-0675-7.5

M1xx, E1xx, M5xx Cameras

- 3 m: Cable, Camera I/O, M1xx, E1xx, M5xx, 6 pin, 3 Meter, Camera to Terminal Block PN: 606-0674-03
- 6 m: Cable, Camera I/O, M1xx, E1xx, M5xx, 6 pin, 5 Meter, Camera to Terminal Block PN: 606-0674-05
- 10 m: Cable, Camera I/O, M1xx, E1xx, M5xx, 6 pin, 10 Meter, Camera to Terminal Block PN: 606-0674-10
- 3 m: M5 series Only, Cable, M5xx, 12 pin, 3 Meter, Camera to Terminal Block PN: 606-0673-03
- 6 m: Cable, M5xx, 12 pin, 5 Meter, Camera to Terminal Block PN: 606-0673-05
- 10 m: Cable, M5xx, 12 pin, 10 Meter, Camera to Terminal Block PN: 606-0673-10

M1xx, E1xx Cameras

- 3 m: M1xx, E1xx Cameras I/O Cable, 6 pin, 3 Meter, Unterminated PN: 606-0672-03
- 5 m: M1xx, E1xx Cameras I/O Cable, 6 pin, 5 Meter, Unterminated PN: 606-0672-05
- 10 m: M1xx, E1xx Cameras I/O Cable, 6 pin, 10 Meter, Unterminated PN: 606-0672-10
- 3 m: M5 series Only, Cable, I/O, M5xx, 12 pin, 3 Meter, Camera to Unterminated PN: 606-0671-03
- 5 m: Cable, I/O, M5xx, 12 pin, 5 Meter, Camera to Unterminated PN: 606-0671-05
- 10 m: Cable, I/O, M5xx, 12 pin, 10 Meter, Camera to Unterminated PN: 606-0671-10

Ethernet Cables, M and E Series Cameras

- 3 m: Cable, Gig-E, CAT6, STP with thumb screws, 3 Meter PN: 606-0677-M1-03
- 5 m: Cable, Gig-E, CAT6, STP with thumb screws, 5 Meter PN: 606-0677-M1-05
- 10 m: Cable, Gig-E, CAT6, STP with thumb screws, 10 Meter PN: 606-0677-M1-10

I/O Boards

- I/O Board Female DB37, DIN Rail Mountable, no isolation PN: 248-0110

I/O Boards, M and E Series Cameras

- I/O Board, M1xx, E1xx Cameras, w / isolation PN: 661-0399
- I/O Board, M5xx Camera, w / isolation PN: 661-0401

Camera Mounts

- Camera Mount, M1xx, E1xx Cameras PN: 95A903029

MX-E Series Specifications

- MX-E25**: Up to 2x - 1000 Mbps Base-T, PoE camera ports
- MX-E45**: Up to 4x - 1000 Mbps Base-T, PoE camera ports
- MX-E90**: Up to 8x - 1000 Mbps Base-T, PoE camera ports

	MX-E25	MX-E45	MX-E90
CPU	Intel Celeron 1.7 GHz - dual core	Intel Celeron 2.4 GHz - dual core	Intel Core i7-3.8 GHz Quad Core + HT
System Memory	8 GB DDR4 RAM		
Storage	128 GB SATA SSD (MLC)		
Graphics	Intel® HD Graphics 510 (1920x1200 resolution) - DisplayPort, DVI		Intel® HD Graphics 630 (1920 x 1200 resolution) - VGA, DVI
Camera Imager Limit	5Mpx or lower		
Network Interface	2x LAN ports - 10/100/1000 Mbps Base-T		
Serial Communications	1x RS-232 serial port		2x RS-232 serial port
Keyboard/Mouse	4x USB 3.0 ports		
Comm Connectivity	Supports EtherNet/IP, Profinet, Modbus TCP and OPC		
I/O	16 in -16 out, PNP card or NPN card, 200µs response time		16 in -16 out - single I/O card configurable PNP/NPN, 100µs response time
Operating System	Windows 10 IoT Enterprise		
Supply Voltage	24 VDC +/- 25%		
Nominal Current Draw	5.5 A @ 24 VDC		
Dimensions	270 (H) x 130 (W) x 255 (D) mm		145 (H) x 192 (W) x 230 (D)
Weight	2.05 Kg		4.45 Kg
Housing	Galvanized plate - plastic		
Operating Temperature	0 to 50 °C / 32 to 122 °F		
Operating Humidity	5 to 95% (non-condensing)		
Mechanical Protection	IP20		
Fanless	Yes		No
Certification (Safety Compliance)	CE/FCC, c-UL-us, KCC		

Including: