

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

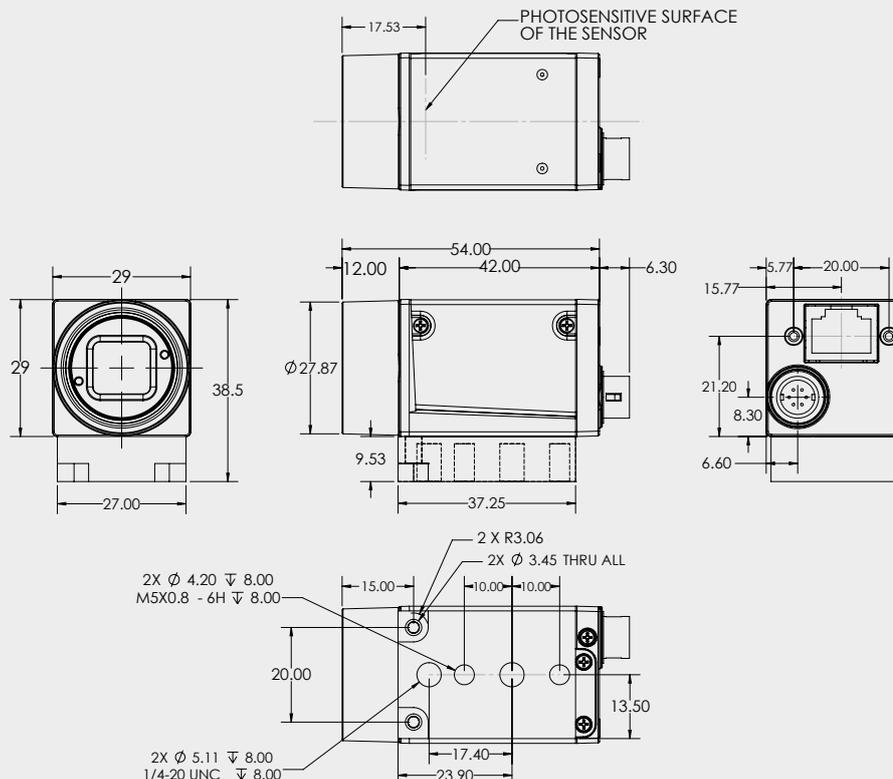
HIGHLIGHTS

- 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



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