

# Large Area Scan Series

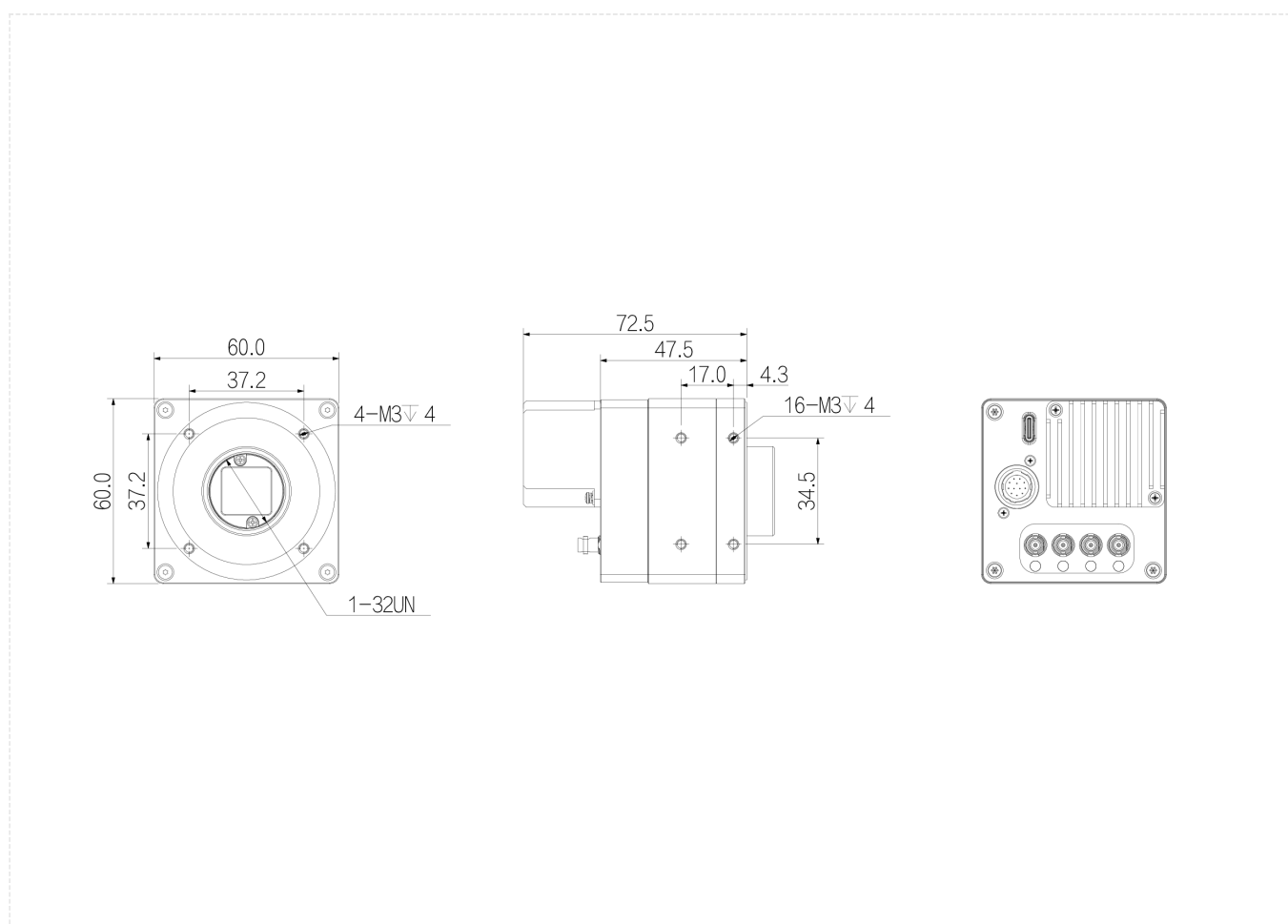
## AX0257MP4E-100



### Features

- CXP-12 interface, 4 x 12.5Gbps theoretical transfer bandwidth;
- Support hardware trigger/free run mode;
- Support multiple image data formats output, ROI and etc. ;
- Support PoCXP and DC 24V power supply;
- Conforms to CoaXPress protocol and GenICam standard;
- Conform to CE, KC and RoHS;

### Dimensions (mm)



Specification

|             |                       |                                                             |
|-------------|-----------------------|-------------------------------------------------------------|
| Model       |                       | AX0257MP4E-100                                              |
| Basic       | Sensor                | GMAX0505                                                    |
|             | Image Sensor          | 1.1"CMOS                                                    |
|             | Shutter               | Global                                                      |
|             | Resolution            | 5120 × 5120                                                 |
|             | Frame Rate            | 150 fps                                                     |
|             | Bit Depth             | 10                                                          |
|             | Mono/Color            | Mono                                                        |
|             | Pixel Size            | 2.5 μm × 2.5 μm                                             |
| Image       | Pixel                 | 25 MP                                                       |
|             | S/N Ratio             | 36 dB                                                       |
|             | Dynamic Range         | 63 dB                                                       |
|             | Image Format          | Mono8/10/12                                                 |
|             | Binning               | Support                                                     |
|             | ROI                   | Support                                                     |
|             | X Flip                | Support                                                     |
|             | Y Flip                | Support                                                     |
|             | Gain                  | Analog gain: 0.4x ~ 6.6x, Digital gain: 1x ~ 32x            |
|             | Gamma                 | From 0 to 4, support LUT                                    |
|             | Exposure Time         | 2 μs ~ 15 s                                                 |
|             | Trigger Mode          | Software Trigger/Hardware Trigger/Free Run Mode             |
|             | SPC                   | Support                                                     |
| Performance | User Setting          | Support two sets of user-defined configurations             |
| Port        | Port                  | CXP-12                                                      |
|             | GPIO Interface        | 3x Opto-isolated input, 3x Opto-isolated output             |
|             | Lens Mount            | C-mount                                                     |
| Power       | Power Supply          | DC 24V power supply via 12 Hirose interface , support PoCXP |
|             | Power Consumption     | 9.8 W                                                       |
| Structure   | Product Dimensions    | 60 mm × 60 mm × 47.5 mm (not including rear case connector) |
|             | Net Weight            | 333 g                                                       |
| Environment | Storage Temperature   | -30℃ ~ +80℃                                                 |
|             | Operating Temperature | 0℃ ~ +40℃                                                   |