

# Area Scan lens

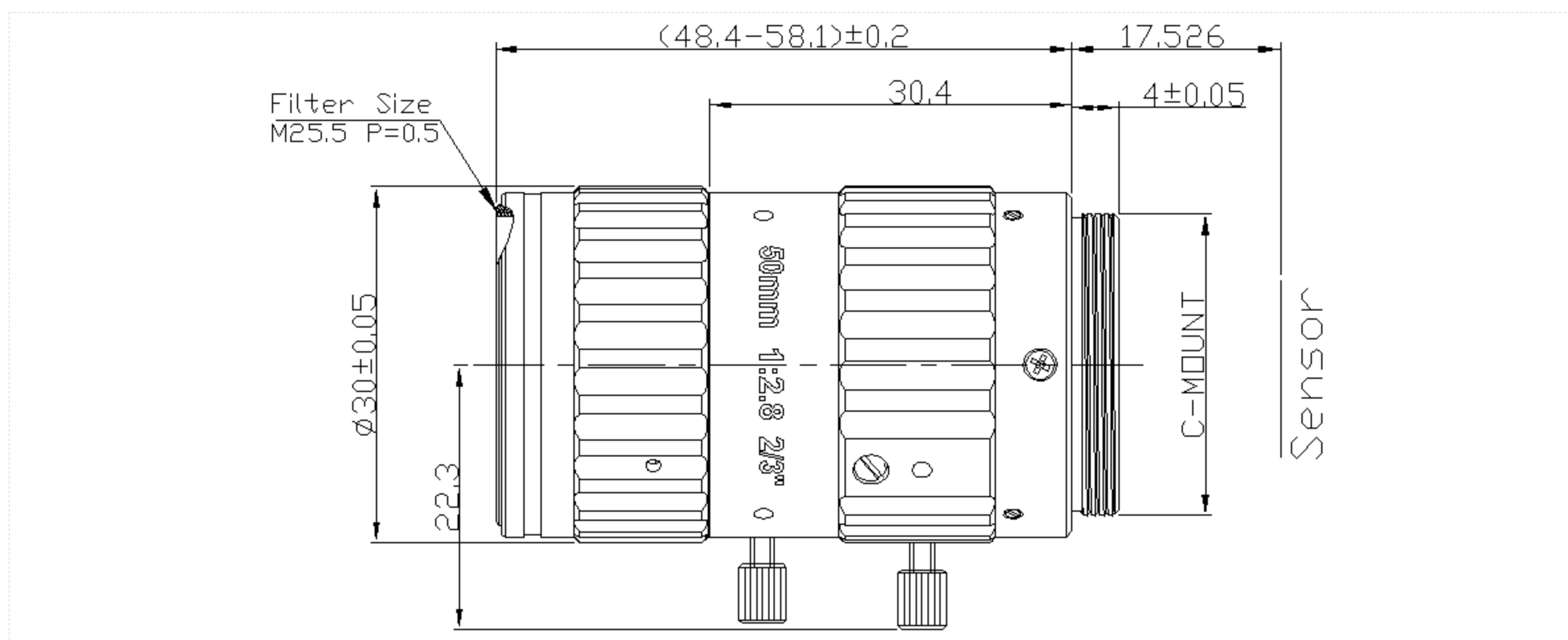
## MK5028M



### Features

- Support up to 2/3" camera sensors;
- 5 models, focal length covering from 12mm to 50mm;
- Ultra high resolution, 10MP resolution in full view, matching up to 1.67 $\mu$ m pixel size; ;
- Ultra low distortion ;
- Stable sharpness quality when temperature varies from -20°C~50°C ;

### Dimensions (mm)



 Specification

|             |                        |                                         |
|-------------|------------------------|-----------------------------------------|
| Model       |                        | MK5028M                                 |
| Basic       | Series                 | MK-M Series                             |
|             | Model                  | MK5028M                                 |
|             | Focal Length           | 50 mm                                   |
|             | Aperture               | F2.8 - 16                               |
|             | Image Sensor Size      | Φ11.4 mm(2/3")                          |
|             | Focus Range            | 0.2 m to infinite                       |
|             | Optical Distortion     | 0.05%                                   |
|             | TV Distortion          | -0.01%                                  |
|             | Field of View          | 12.6°×10.1° ×7.6°(11 mm×8.5 mm×7.12 mm) |
|             | Relative Illumination  | 85% (F2.8); 97% (F4.0)                  |
|             | CRA ( Chief Ray Angle) | 5°                                      |
|             | Spectral Range         | 436 nm~656 nm                           |
|             | Spectral Transmission  | T > 85%                                 |
| Structure   | Camera Mount           | C - Mount                               |
|             | Filter Thread          | M25.5×P0.5                              |
|             | Focus Control          | Manual                                  |
|             | Iris Control           | Manual                                  |
|             | Product Dimensions     | 58.1×Φ30 mm                             |
|             | Net Weight             | 86.5±5 g                                |
| Environment | Operating Temperature  | -20°C ~ +50°C                           |