

# Area Scan lens

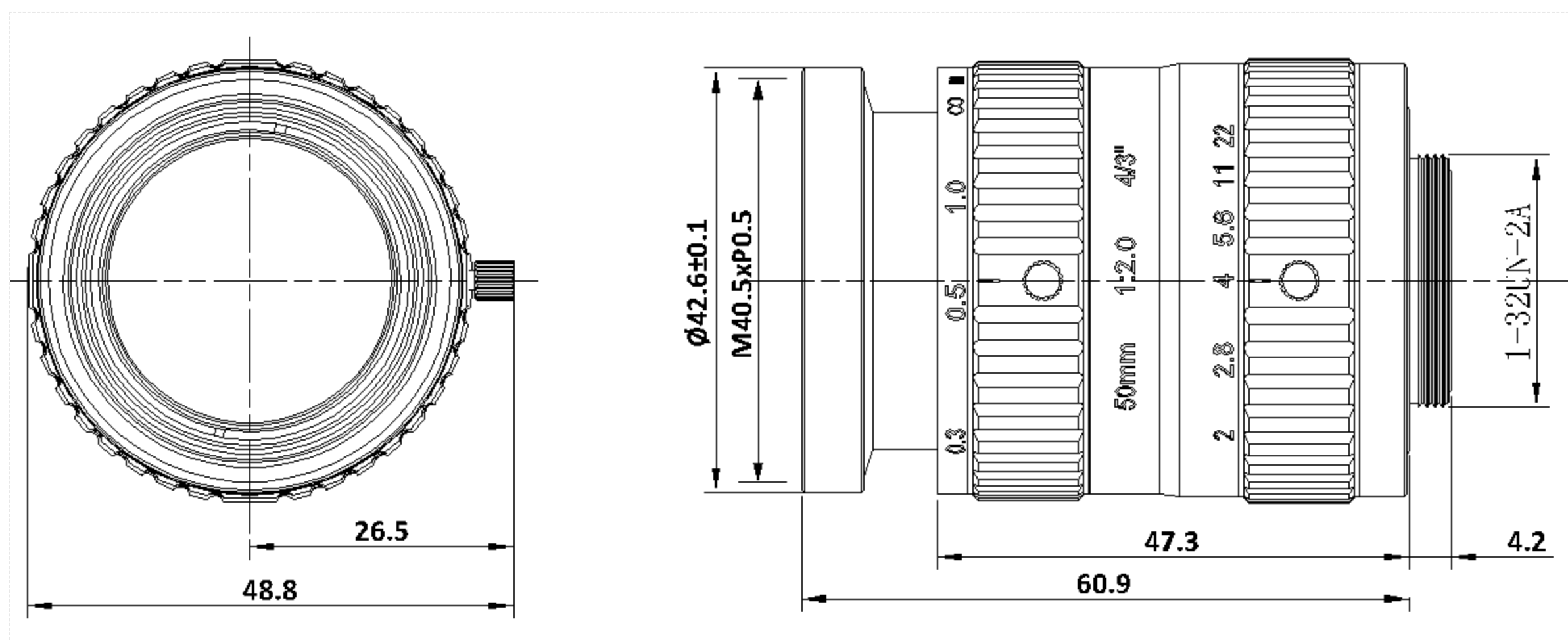
## MH5020K



### Features

- Support up to 4/3" camera sensors;
- 6 models, focal length covering from 8.5mm to 50mm;
- High resolution for 10MP camera in full of view;
- Low distortion , F2.0 large circle ;
- Stable sharpness quality when temperature varies from -20°C~50°C ;

### Dimensions (mm)



/ Specification

|             |                        |                          |
|-------------|------------------------|--------------------------|
| Model       |                        | MH5020K                  |
| Basic       | Series                 | MH-K Series              |
|             | Model                  | MH5020K                  |
|             | Focal Length           | 50mm                     |
|             | Aperture               | F2.0 - F22               |
|             | Image Sensor Size      | Φ23mm(4/3\')             |
|             | Focus Range            | 0.3m to infinite         |
|             | Optical Distortion     | -0.14%                   |
|             | TV Distortion          | -0.11%                   |
|             | Field of View          | 25.9°x20.9°x15.7°(4/3\') |
|             | Relative Illumination  | 50% (F2.0); 90% (F4.0)   |
|             | CRA ( Chief Ray Angle) | 14.8°                    |
|             | Spectral Range         | 436nm~656nm              |
|             | Spectral Transmission  | T>85%                    |
| Structure   | Camera Mount           | C Mount                  |
|             | Filter Thread          | M40.5xP0.5               |
|             | Focus Control          | Manual                   |
|             | Iris Control           | Manual                   |
|             | Product Dimensions     | 60.9mm x Φ42.6mm         |
|             | Weight                 | 170g                     |
| Environment | Operating Temperature  | -20°C to +50°C           |