

# Area Scan lens

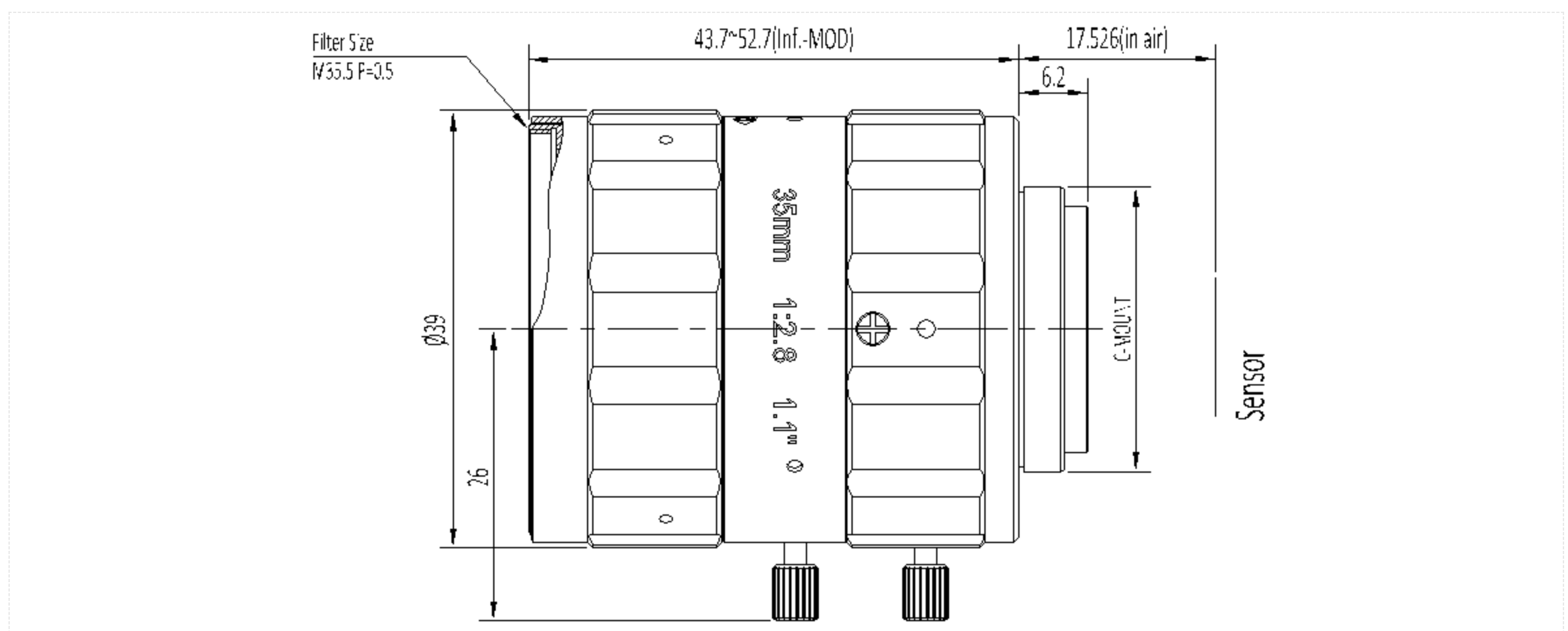
# MT3528X



## Features

- Support up to 1.1" camera sensors;
- High resolution for 20MP camera in full view, matching 2.4μm pixel size;
- Ultra low distortion, TV distortion less than 0.1%;
- Stable sharpness quality when temperature varies from -20°C~50°C;

### Dimensions (mm)



/ Specification

|             |                        |                                              |
|-------------|------------------------|----------------------------------------------|
| Model       |                        | MT3528X                                      |
| Basic       | Series                 | MT-X Series                                  |
|             | Model                  | MT3528X                                      |
|             | Focal Length           | 35 mm                                        |
|             | Aperture               | F2.8 - 16                                    |
|             | Image Sensor Size      | Φ17.6 mm(1.1")                               |
|             | Focus Range            | 0.2 m to infinite                            |
|             | Optical Distortion     | -0.16%                                       |
|             | TV Distortion          | -0.07%                                       |
|             | Field of View          | 28.2°×22.9°×16.9°(17.6 mm×14.08 mm×10.56 mm) |
|             | Relative Illumination  | 93% (F2.8); 92% (F4.0)                       |
|             | CRA ( Chief Ray Angle) | 9.4°                                         |
|             | Spectral Range         | 436 nm ~ 656 nm                              |
|             | Spectral Transmission  | T > 85%                                      |
| Structure   | Camera Mount           | C - Mount                                    |
|             | Filter Thread          | M35.5×P0.5                                   |
|             | Focus Control          | Manual                                       |
|             | Iris Control           | Manual                                       |
|             | Product Dimensions     | 50 mm×Φ39 mm                                 |
|             | Net Weight             | 125 g                                        |
| Environment | Operating Temperature  | -10°C ~ +50°C                                |