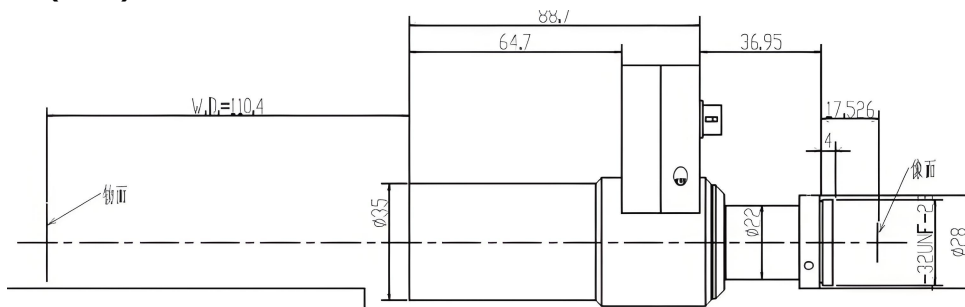


JC-CYT23-05X-105

| | | |
|-------------------------------|------------------|---|
| Model No. | JC-CYT23-05X-105 | Design Features: 1. Equipped with a liquid lens 2. Voltage-driven, typical power consumption 0.5W, maximum 1W 3. Increased working range, fast focusing response, no mechanical movement required 4. High-resolution optical performance |
| Sensor Size | 2/3" (8.8x6.4mm) | |
| Object FOV | 17.6x12.8mm | |
| Object Resolution | 10μm | |
| Magnification | 0.5X | |
| Single Image DOF | 3.6mm | |
| DOF | 30mm | |
| MTF | > 0.3@100lp/mm | |
| F No. | F10 | |
| Light Source | White Light | |
| Focus Method | Voltage Control | |
| Recommend WD | 105-115mm | |
| Available WD | 105-125mm | |
| Telecentricity | ≤0.2° | |
| Distortion | ≤0.1% | |
| Mount | C-Mount | |
| Operate Temperature& Humidity | -10°C~+60°C | |
| | 20%RH~90%RH | |
| Storage Temperature& Humidity | -20°C~+60°C | |
| | 10%RH~90%RH | |

PRODUCT SIZE(mm)



Notes:

- Object field of view is diagonal size.
- MTF is the test value at the recommended working object distance
- All test data were obtained under blue light conditions.
- Electronic focusing solution and cable should be selected according to requirements.
- It is recommended to use within the recommended working object distance. Exceeding this range may result in a decrease in lens performance.
- Using the lens beyond the recommended operating temperature and humidity will significantly shorten its lifespan or even cause it to fail.
- Do not subject the cable to heavy pressure or bending deformation.
- Take precautions against static electricity and water.
- Typical object distance-voltage relationship: $U = -0.2913H + 61.425$ / . H represents object distance, U represents voltage.