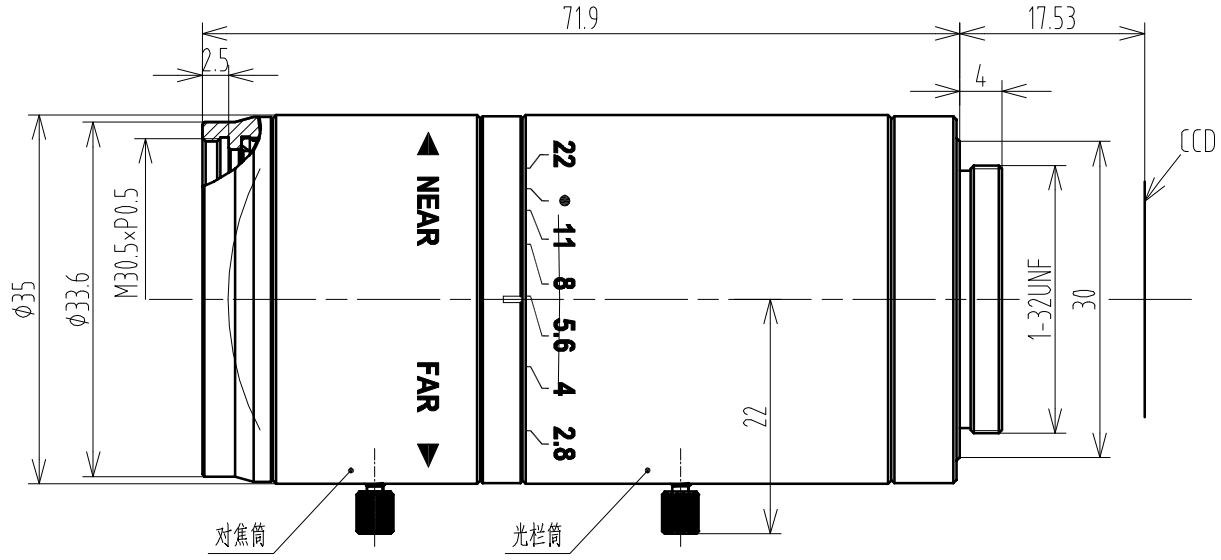


| 1/1.8" F2.8 C Mount | | | | | Working distance | Optical Magnification | 1/1.8" Field of View(mm) | |
|---|---|---|---|---|---|---|---|---|
| Focal Length | | f=75mm | | | mm | | H | V |
| F/NO | | F=2.8-22 | | | 6000 | 0.013X | 553.8 | 407.7 |
| Image Size | | 1/1.8"(7.2×5.3mm) | 1/2.5"(5.76×4.32mm) | 1/3"(4.8×3.6mm) | 5000 | 0.015X | 480 | 353.3 |
| Angle FOV | H | 5.4 | 4.4 | 3.66 | 4000 | 0.019X | 378.9 | 278.9 |
| | V | 4.04 | 3.3 | 2.75 | 3000 | 0.026X | 276.9 | 203.8 |
| | D | 5.84 | 5.4 | 4.6 | 2000 | 0.039X | 184.6 | 135.6 |
| Object Dimension at WD.500mm | H | 40.4 | 32.34 | 26.96 | 1500 | 0.053X | 135.8 | 100 |
| | V | 29.8 | 24.26 | 20.22 | 1000 | 0.081X | 88.9 | 65.4 |
| | D | 50.2 | 40.4 | 33.7 | 950 | 0.086X | 83.7 | 61.6 |
| Distortion (TV) | | <0.05% | | | 900 | 0.091X | 79.1 | 58.2 |
| Focus distance(min) | | 500mm | | | 850 | 0.097X | 74.2 | 54.6 |
| Flange back | | 17.526mm in air | | | 800 | 0.104X | 69.2 | 51 |
| Back focus | | 42.2-55.5mm in air | | | 750 | 0.112X | 64.3 | 47.3 |
| Filter screw size | | 无 | | | 700 | 0.121X | 59.5 | 43.8 |
| Front/Rear Effective Dia | | Front Φ24mm Rear Φ14.5mm | | | 650 | 0.131X | 55 | 40.5 |
| Mount | | C-Mount | | | 600 | 0.144X | 50 | 36.5 |
| Temperature Range | | -10~+50°C | | | 550 | 0.159X | 45.3 | 33.3 |
| Storage Temperature Range | | -20~+60°C | | | 500 | 0.178X | 44.4 | 29.8 |

TOLERANCE:
. LINEARITY TOLERANCES ±0.05
. ANGULAR TOLERANCES ARE±30'
. DRAFT ANGLES AREA±0.5°/SIDE

三角法

| 标记 | 处数 | 更改文件号 | 担当 | 变更日期 | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 设计 | 朱周德 | 2016-09-05 | 名称 | RZ7501C5规格图 |
| | | | | | 校对 | | | | |
| | | | | | 审核 | | | 代号 | |
| | | | | | 批准 | | | | |

| 材料(环保) | 单位 | 比例 |
|---|---|---|
| --- | mm | 2:1 |
| | | 页码 1/1 |
| | | 版本 V0 |

A4

致瑞图像 ZHI RUI VISION