



| 2/3" F1.4/16 C Mount | | | | Working distance | Optical Magnification | 2/3" Field of View(mm) | | |
|---------------------------|--------------------------------------|-----------------|-----------------|------------------|-----------------------|------------------------|--------|-------|
| Focal Length | f=16mm | | | mm | | H | V | |
| Max Diameter (Ratio) | F=1:1.4~16 | | | 900 | 0.018X | 503.2 | 376.8 | |
| Picture Size | | 2/3"(8.8x6.6mm) | 1/2"(6.4x4.8mm) | 850 | 0.019X | 475.6 | 356.2 | |
| | Angle | H | 30.3° | 22.3° | 16.8° | 800 | 0.020X | 448.0 |
| | | V | 23° | 16.8° | 12.6° | 750 | 0.021X | 420.4 |
| Object Dimension at 300mm | D | 37.3° | 27.8° | 20.9° | 700 | 0.023X | 392.8 | |
| | H | 170.4mm | 123.7mm | 98.6mm | 650 | 0.024X | 365.2 | |
| | V | 127.6mm | 92.7mm | 69.4mm | 600 | 0.026X | 337.6 | |
| Distortion (TV) | D | 212.8mm | 154.9mm | 123.7mm | 550 | 0.029X | 310.0 | |
| | | <0.1% | <0.3% | <0.1% | 500 | 0.031X | 282.5 | |
| Focus distance(min) | 0.1m | | | 450 | 0.035X | 254.9 | 190.7 | |
| Flange back | 17.526mm in air | | | 400 | 0.039X | 227.3 | 170.0 | |
| Back focus | 12.7mm in air | | | 350 | 0.044X | 199.7 | 149.4 | |
| Filter screw size | M30.5x0.5 | | | 300 | 0.052X | 170.4 | 127.6 | |
| Front/Rear Effective Dia | Front ϕ 19mm Rear ϕ 14.2mm | | | 250 | 0.061X | 144.5 | 108.0 | |
| Mount | C-Mount | | | 200 | 0.076X | 116.9 | 87.3 | |
| Temperature Range | -10~+50°C | | | 150 | 0.100X | 89.3 | 66.6 | |
| Storage Temperature Range | -20~+60°C | | | 100 | 0.145X | 61.7 | 45.9 | |

| | | | | | TOLERANCE : LINEARITY TOLERANCES ± 0.05 ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE | | 三角法 | | 材料(环保) | | 单位 | 比例 |
|---------------|----|-------|-----|------------|---|--|-----|--------------|--------------|--|----|-----|
| $\triangle 4$ | 1 | --- | CHP | 2021.07.16 | | | | | --- | | mm | 2:1 |
| $\triangle 3$ | 1 | --- | CHP | 2019.03.15 | 设计 | | 名称 | FA1602D 镜头规格 | | | | 页码 |
| $\triangle 2$ | 1 | --- | CHP | 2017.09.11 | 校对 | | | | | | | 1/1 |
| $\triangle 1$ | 2 | ---- | CHP | 2016-10-08 | 审核 | | | 代号 | FA1602D-SPEC | | | |
| 标记 | 处数 | 更改文件号 | 担当 | 变更日期 | 批准 | | | | | | V4 | |