



| 1/2" F1.8/12 C Mount | | | Working distance | Optical Magnification | 1/2" Field of View(mm) | |
|---------------------------|-----------------------------------|----------|------------------|-----------------------|------------------------|---------|
| Focal Length | f=12mm | | mm | | H | V |
| Max Diameter (Ratio) | F=1:1.8 ~ 16 | | 5000 | 0.0024X | 2748.9 | 2189.76 |
| Picture Size | 1/2"(6.48x5.16mm) | | 2000 | 0.0059X | 1102.88 | 878.5 |
| | 1/4"(3.28x2.6mm) | | | | | |
| Angle | H | 29.02° | 1000 | 0.012X | 554.2 | 441.4 |
| | V | 23.32° | 900 | 0.013X | 499.2 | 397.6 |
| | D | 36.44° | 800 | 0.015X | 444.46 | 354 |
| Object Dimension at 200mm | H | 115.2mm | 700 | 0.017X | 389.6 | 310.28 |
| | V | 91.7mm | 600 | 0.019X | 334.66 | 266.52 |
| | D | 147.16mm | 550 | 0.021X | 307.16 | 244.62 |
| Distortion (OPT) | <0.3% | | 500 | 0.023X | 279.84 | 222.86 |
| Focus distance(min) | 0.1m | | 450 | 0.026X | 252.28 | 200.9 |
| Flange back | 17.526mm in air | | 400 | 0.029X | 224.98 | 179.14 |
| Back focus | 12.6mm(min) | | 350 | 0.033X | 197.38 | 157.16 |
| Filter screw size | M28.5 X P0.5 | | 300 | 0.038X | 170.1 | 135.42 |
| Front/Rear Effective Dia | Front ϕ 21mm Rear ϕ 8mm | | 250 | 0.046X | 142.48 | 113.44 |
| Mount | C-Mount | | 200 | 0.056X | 115.2 | 97.7 |
| Temperature Range | -10 ~ +50°C | | 150 | 0.074X | 87.56 | 69.7 |
| Storage Temperature Range | -20 ~ +60°C | | 100 | 0.108X | 60.25 | 47.94 |

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|----|--|----|-------|---|------|-------------------|--|--------|--|-----|-----|
| | | | | TOLERANCE : LINEARITY TOLERANCES \pm 0.05 ANGULAR TOLERANCES ARE \pm 30' DRAFT ANGLES AREA \pm 0.5°/SIDE | | 三角法 | | 材料(环保) | | 单位 | 比例 |
| | | | | | | | | | | mm | 2:1 |
| | | | | 设计 蒋冬阳 2022-07-08 | | 名称 C-VI1202A 规格书 | | | | 页码 | |
| | | | | 校对 | | 部番 C-VI1202A SPEC | | | | 1/1 | |
| | | | | 审核 | | | | | | 版本 | |
| 版本 | | 处数 | 更改文件号 | 担当 | 变更日期 | 批准 | | 商品代号 | | V03 | |