



| 1" F1.4/35 C Mount | | | | Working distance | Optical Magnification | 1" Field of View(mm) | | |
|---------------------------|---|-----------------|---------|------------------|-----------------------|----------------------|--------|-------|
| Focal Length | | f=35mm | | mm | | H | V | |
| Max Diameter (Ratio) | | F=1:1.4~16 | | | | | | |
| Picture Size | | 1" | 2/3" | 1/2" | 1000 | -0.036 | 356 | 269.6 |
| Angle | H | 19.28° | 13.14° | 9.58° | | | | |
| | V | 14.32° | 9.8° | 7.16° | | | | |
| | D | 23.92° | 16.4° | 11.96° | | | | |
| Object Dimension at M.O.D | H | 53.2mm | 36.38mm | 26.4mm | 650 | -0.055 | 231.6 | 173.2 |
| | V | 39.72mm | 27.22mm | 19.78mm | | | | |
| | D | 66.96mm | 45.6mm | 33.04mm | | | | |
| Distortion (TV) | | 0.1% | 0.1% | 0.1% | 550 | -0.065 | 197.74 | 148 |
| Focus distance(min) | | 0.15M | | | | | | |
| Flange back | | 17.526mm in air | | 450 | -0.08 | 161.6 | 121 | |
| Back focus | | 11.2 | | | | | | |
| Filter screw size | | M4.6x0.75 | | 350 | -0.103 | 120.8 | 90.4 | |
| Front/Rear Effective Dia | | φ27/φ17 | | | | | | |
| Mount | | C-Mount | | 250 | -0.145 | 89.46 | 66.84 | |
| Temperature Range | | -10~+50°C | | | | | | |
| Storage Temperature Range | | -20~+60°C | | 150 | -0.244 | 53.2 | 39.72 | |

| | | | | | | | | | |
|--|--|--|--|---|--|-----|---------------|----|------|
| | | | | TOLERANCE: LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE ±30' DRAFT ANGLES AREA ±0.5°/SIDE | | 三角法 | 材料(环保) --- | 单位 | 比例 |
| | | | | | | | | mm | 15:1 |
| | | | | 设计 | | 名称 | HC3505A 镜头 | | 页码 |
| | | | | 校对 | | | | | 1/1 |
| | | | | 审核 | | 代号 | HC3505A-SPEC | | 版本 |
| | | | | 批准 | | | | | V1 |