



GD3501C

| 1/1.8" F2.0 C Mount | | Working distance | | Optical Magnification | | 1/1.8" Field of View(mm) | |
|------------------------------|---|---------------------------------------|---------------------|-----------------------|-----|--------------------------|-------|
| | | mm | | | | H | V |
| Focal Length | | f=35mm | | | | | |
| F/NO | | F=1:2.0~C | | 1000 | | 0.036X | 201.6 |
| Image Size | | 1/1.8"(7.2x5.32mm) | 1/2.5"(5.76x4.32mm) | 1/3"(4.8x3.6mm) | 950 | 0.037X | 191.3 |
| Angle FOV | H | 8.8° | 8.84° | 7.4° | 900 | 0.040X | 181.1 |
| | V | 7.0° | 6.7° | 5.5° | 850 | 0.042X | 170.1 |
| | D | 12.24° | 11.1° | 9.3° | 800 | 0.045X | 160.5 |
| Object Dimension at WD.300mm | H | 57.9mm | 46.5mm | 38.7mm | 750 | 0.048X | 150.3 |
| | V | 43.4mm | 34.9mm | 29.0mm | 700 | 0.051X | 140.0 |
| | D | 72.4mm | 58.1mm | 48.4mm | 650 | 0.055X | 129.8 |
| Distortion (TV) | | <0.1% | | 600 | | 0.060X | 119.5 |
| Focus distance(min) | | 0.2m | | 550 | | 0.066X | 109.2 |
| Flange back | | 17.526mm in air | | 500 | | 0.073X | 99.0 |
| Back focus | | 19mm in air | | 450 | | 0.081X | 88.7 |
| Filter screw size | | M25.5xP0.5 | | 400 | | 0.092X | 78.4 |
| Front/Rear Effective Dia | | Front ϕ 15.7mm Rear ϕ 8.5mm | | 350 | | 0.105X | 68.2 |
| Mount | | C-Mount | | 300 | | 0.124X | 57.9 |
| Temperature Range | | -10~+50°C | | 250 | | 0.151X | 47.6 |
| Storage Temperature Range | | -20~+60°C | | 200 | | 0.193X | 37.3 |