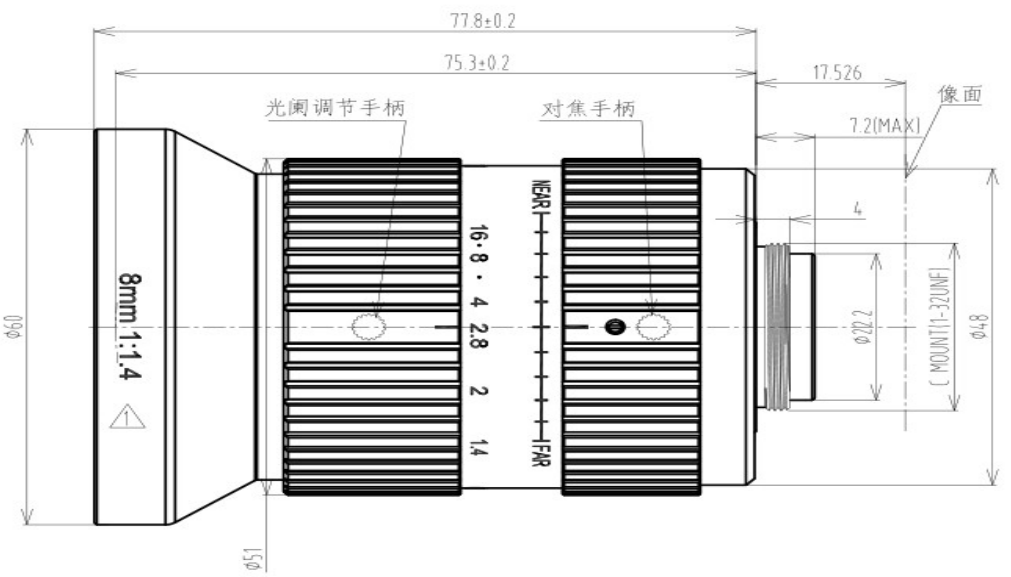
# VFA1-111-10M08

## 8mm Focal Length

| 1.1″ F1.4/8 C Mount | | | | | Working distance | Optical Magnification | 1″ Field of View(mm) | |
|---|---|---|---|---|---|---|---|---|
| Focal Length | | f=8mm | | | mm | | H | V |
| Max Diameter(RATIO) | | F=1:1.4~16 | | | | | | |
| Picture Size | | 1.1″ | 1″ | 2/3″ | 800 | -0.010 | 1289.2 | 966.9 |
| Angle | H | 84.8° | 77.1° | 57.6° | | | | |
| | V | 68° | 61.8° | 44.9° | 700 | -0.011 | 1133.3 | 850 |
| | D | 98.4° | 89.5° | 69.0° | | | | |
| Object Dimension at M.O.D | H | 219.1mm | 199.2mm | 136.9mm | 600 | -0.013 | 977.5 | 733.1 |
| | V | 164.3mm | 149.4mm | 102.7mm | | | | |
| | D | 273.9mm | 249mm | 171.2mm | 500 | -0.016 | 821.6 | 616.2 |
| Distortion(TV) | | <5.5% | <5% | <3% | | | | |
| Focus distance(min) | | 0.1M | | | 400 | -0.019 | 665.8 | 499.3 |
| Flange back | | 17.526mm in air | | | | | | |
| Back focus | | 10.35 | | | 300 | -0.025 | 509.9 | 382.5 |
| Filter screw size | | / | | | | | | |
| Front/Rear Effective Dia | | Φ40.25mmΦ17.32mm | | | 200 | -0.036 | 354.3 | 265.7 |
| Mount | | C-Mount | | | | | | |
| Temperature Range | | -10~+50° C | | | 100 | -0.064 | 199.2 | 149.4 |
| Storage Temperature Range | | -20~+60° C | | | | | | |