**F11M1228C20M**

**f=12mm F2.8 C-Mount 20.0MP**

**for 1.1” , 1” , 1/1.2” , 2/3” ...**

**▲ Specification：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Focal Length | 12mm | FOV(H×V) | 1.1" | 61.22°× 46.86° |
| Image Format | 1.1” | 1" | 60.05°× 40.57° |
| Iris Range | F2.8 ～ F16 | 1/1.2" | 49.82°× 32.66° |
| Focus Range | 0.1m～Inf. | Filter Size | | M43.5 ,P=0.5mm |
| TV Distortion | -0.22% @0.4m | Dimensions | | Φ47×57mm |
| Iris Type | Manual | Weight | | 172g±2g |
| Mount | C-Mount | Temperature Range | | -10℃ ～ 50℃ |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Working  Distance | Optical  Magnification | Extension  Ring | Ring Field of View(mm) | | | | | |
| 1.1" | | 1" | | 1/1.2" | |
| (mm) | - | (mm) | H | V | H | V | H | V |
| 1000 | -0.012X | - | 1183.3 | 866.7 | 1108.3 | 739.2 | 925.0 | 583.3 |
| 900 | -0.013X | - | 1065.0 | 780.0 | 997.5 | 665.3 | 832.5 | 525.0 |
| 800 | -0.015X | - | 946.7 | 693.3 | 886.7 | 591.3 | 740.0 | 466.7 |
| 700 | -0.017X | - | 828.3 | 606.7 | 775.8 | 517.4 | 647.5 | 408.3 |
| 600 | -0.020X | - | 710.0 | 520.0 | 665.0 | 443.5 | 555.0 | 350.0 |
| 500 | -0.024X | - | 591.7 | 433.3 | 554.2 | 369.6 | 462.5 | 291.7 |
| 400 | -0.030X | - | 473.3 | 346.7 | 443.3 | 295.7 | 370.0 | 233.3 |
| 300 | -0.040X | - | 355.0 | 260.0 | 332.5 | 221.8 | 277.5 | 175.0 |
| 200 | -0.060X | - | 236.7 | 173.3 | 221.7 | 147.8 | 185.0 | 116.7 |
| 100 | -0.120X | - | 118.3 | 86.7 | 110.8 | 73.9 | 92.5 | 58.3 |

**▲ Dimensions：**

