**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℃ |

|  |  |  |  |
| --- | --- | --- | --- |
| WorkingDistance | OpticalMagnification | ExtensionRing | 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：**

 