**F12M5028C25M**

**f=50mm F2.8 C-Mount 25.0MP**

**for 1.2” , 1.1” , 1” , 1/1.2” , 2/3” ...**

**▲ Specification：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Focal Length | 50mm | FOV(H×V) | 1.2" | 16.61°× 14.40° |
| Image Format | 1.2” | 1.1" | 16.16°× 11.87° |
| Iris Range | F2.8～F16 | 1" | 15.16°× 10.17° |
| Focus Range | 0.25m～Inf. | Filter Size | | M30.5 ,P=0.5mm |
| TV Distortion | +0.07% | Dimensions | | Φ35x56.6mm |
| Iris Type | Manual | Weight | | 96.2g±2g |
| Mount | C-Mount | Temperature Range | | -20℃～70℃ |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Working  Distance | Optical  Magnification | Extension  Ring | Ring Field of View(mm) | | | | | |
| 1.2" | | 1.1" | | 1" | |
| (mm) | - | (mm) | H | V | H | V | H | V |
| 1000 | -0.050X | - | 292.0 | 252.6 | 284.0 | 208.0 | 266.2 | 178.0 |
| 900 | -0.056X | - | 262.8 | 227.3 | 255.6 | 187.2 | 239.6 | 160.2 |
| 800 | -0.063X | - | 233.6 | 202.1 | 227.2 | 166.4 | 213.0 | 142.4 |
| 700 | -0.071X | - | 204.4 | 176.8 | 198.8 | 145.6 | 186.3 | 124.6 |
| 600 | -0.083X | - | 175.2 | 151.6 | 170.4 | 124.8 | 159.7 | 106.8 |
| 500 | -0.100X | - | 146.0 | 126.3 | 142.0 | 104.0 | 133.1 | 89.0 |
| 400 | -0.125X | - | 116.8 | 101.0 | 113.6 | 83.2 | 106.5 | 71.2 |
| 300 | -0.167X | - | 87.6 | 75.8 | 85.2 | 62.4 | 79.9 | 53.4 |
| 200 | -0.250X | 5mm | 58.4 | 50.5 | 56.8 | 41.6 | 53.2 | 35.6 |
| 100 | -0.500X | 15mm | 29.2 | 25.3 | 28.4 | 20.8 | 26.6 | 17.8 |

**▲ Dimensions：**

 