**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℃ |

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

 