



XF-PTL03735-F-VI

Specification

| | |
|----------------------|------------------|
| Optical structure | Bi-Telecentric |
| Magnification | 0.988 |
| Object field of view | Φ35.4mm |
| Image field of view | Φ35mm |
| Working Distance | 110mm±3% |
| Telecentricity | <0.03°(0.09°) |
| Depth of field | 0.8-5.3mm |
| F# | F7.5-F46.7 |
| Resolution | 5.0-31.22μm |
| MTF | >0.3@140-22lp/mm |
| Distortion | <0.048%(0.10%) |
| Detector type: | |

| | | |
|----------------|-----------|-------------|
| 2' | 23×23 | 23.3×23.3mm |
| 4/3' | 18×13.5 | 18.2×13.7mm |
| 1.1' | 14.2×10.4 | 14.4×10.5mm |
| 1' | 12.8×9.6 | 13.0×9.7mm |
| 2K Linear scan | 2048×10μm | 20.7mm |
| 4K Linear scan | 4096×7μm | 29.0mm |

Optional camera mount:
1、F
2、M42×1

XF-PTLAAABB-C/F/P/M- (L90E)

The fourth generation lens of Canrill

Object FOV

Image FOV

The camera mount (M & P mount need specify BFL)

90° Steering option

| | | | | | |
|--------------------------|--------|------------------|--------------------------|-------|---|
| Undefined tolerance (mm) | degree | File Name | | | |
| X. X | ±0.2 | ±30min | XF-PTL03735-F-VI-外形尺寸-EN | | |
| X. XX | ±0.02 | Drawing Name | | | |
| X. XXX | ±0.005 | Drawing Size: A3 | | | |
| | Sign | Data/Ver. | Material | Ratio | Product Name |
| Design | | | | 1:5 | |
| Modify1 | | | Qty | | Canrill OPTICS |
| Modify2 | | | Total: | Page: | All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization. |