



XF-PTL31082-M95-12-VI

Specification

| | |
|----------------------|--------------------|
| Optical structure | Bi-Telecentric |
| Magnification | 0.279 |
| Object field of view | Φ293.9mm |
| Image field of view | Φ82mm |
| Working Distance | 500mm±3% |
| Telecentricity | <0.04°(0.08°) |
| Depth of field | 19.2mm@F13.5 |
| F# | F8-F111 |
| Resolution | 31.9μm@F13.5 |
| MTF | >0.3@75lp/mm@F13.5 |
| Distortion | <0.041%(0.061%) |
| Detector type: | |

| | |
|---------------------------|--------------|
| 35film 36×24 | 129.0×86.0mm |
| 2' 23×23 | 82.4×82.4mm |
| 4/3' 18×13.5 | 64.5×48.4mm |
| 1.1' 14.2×10.4 | 50.9×37.3mm |
| 4K Linear scan 4096×7μm | 102.8mm |
| 8K Linear scan 8192×5μm | 146.8mm |
| 8K Linear scan 8192×7μm | 205.5mm |
| 16K Linear scan 16384×5μm | 293.6mm |

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-PTL31082-M95-12-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. |