



# XF-PTL15232-F

## Specification

Optical structure: Bi-Telecentric  
 Magnification: 0.217  
 Object field of view:  $\Phi 149.8\text{mm}$   
 Image field of view:  $\Phi 32.5\text{mm}$   
 Working Distance:  $320\text{mm} \pm 3\%$   
 Telecentricity:  $< 0.04^\circ (0.06^\circ)$   
 Depth of field: 17.7mm  
 F#: F7.5  
 Resolution:  $22.85\mu\text{m}$   
 MTF:  $> 0.3 @ 135\text{lp/mm}$   
 Distortion:  $< 0.053\% (0.072\%)$   
 Detector type:

|                |                       |               |
|----------------|-----------------------|---------------|
| 2'             | 23.0×23.0             | 106.0×106.0mm |
| 7/4'           | 22.6×16.9             | 103.7×77.9mm  |
| 4/3'           | 18×13.5               | 82.9×62.2mm   |
| 1.1'           | 14.2×10.4             | 65.4×47.9mm   |
| 1'             | 13.1×8.8              | 60.4×40.6mm   |
| 2K Linear scan | 2048×10 $\mu\text{m}$ | 94.4mm        |
| 4K Linear scan | 4096×7 $\mu\text{m}$  | 132.1mm       |

## Optional camera mount

- 1、F
- 2、M42×1

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

|                                       |   |                          |
|---------------------------------------|---|--------------------------|
| The fourth generation lens of Canrill | The camera mount (M & P mount need specify BFL) | Variable aperture option |
| Object FOV                            | 90° Steering option                             |                          |
| Image FOV                             |   |                          |

|                          |             |                    |                       |       |
|--------------------------|-------------|--------------------|-----------------------|-------|
| Undefined tolerance (mm) | degree      | File Name          |                       |       |
| X. X                     | $\pm 0.2$   | $\pm 30\text{min}$ | XF-PTL15232-F-外形尺寸-EN |       |
| X. XX                    | $\pm 0.02$  | Drawing Name       |                       |       |
| X. XXX                   | $\pm 0.005$ | Drawing Size: A3   |                       |       |
|                          | Sign        | Data/Ver.          | Material              | Ratio |
| Design                   |             |                    |                       | 1:5   |
| Modify1                  |             |                    | Qty                   |       |
| Modify2                  |             |                    | Total:                | Page: |