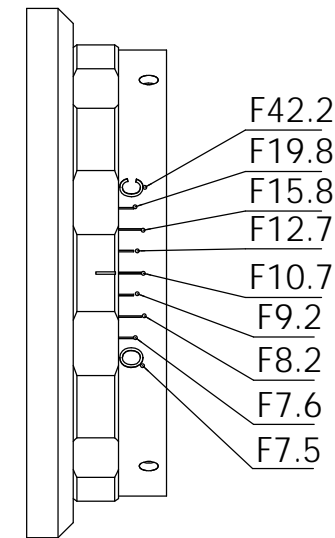


# XF-PTL05532-F-VI

## Specification

|                      |                  |
|----------------------|------------------|
| Optical structure    | Bi-Telecentric   |
| Magnification        | 0.597            |
| Object field of view | Φ54.4mm          |
| Image field of view  | Φ32.5mm          |
| Working Distance     | 138mm±3%         |
| Telecentricity       | <0.04°(0.06°)    |
| Depth of field       | 1.9-13.2mm       |
| F#                   | F7.5-F42.2       |
| Resolution           | 8.3-46.7μm       |
| MTF                  | >0.3@135-25lp/mm |
| Distortion           | <0.060%(0.1%)    |
| Detector type:       |                  |

|                |           |             |
|----------------|-----------|-------------|
| 2'             | 23.0×23.0 | 38.5×38.5mm |
| 7/4'           | 22.5×16.9 | 37.7×28.3mm |
| 4/3'           | 18×13.5   | 30.2×22.6mm |
| 1.1'           | 14.2×10.4 | 23.8×17.4mm |
| 1'             | 13.1×8.8  | 21.9×14.7mm |
| 2K Linear scan | 2048×10μm | 34.3mm      |
| 4K Linear scan | 4096×7μm  | 48.0mm      |



**Optional camera mount:**  
 1、F  
 2、M42×1

This lens has the best resolution and better imaging consistency in F7.5, it has the best imaging consistency in F9.2. If the aperture exceeds F7.5, both resolution and imaging consistency will begin to decline.

**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                     | ±0.2   | ±30min           | XF-PTL05532-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 |
| Design                   |        |                  |                          | 1:5   |
| Modify1                  |        |                  | Qty                      | ⊕     |
| Modify2                  |        |                  | Total:                   | Page: |