



XF-10MDT1X178-1C

Specification

| | |
|----------------------|------------------------|
| Optical structure | Telecentric |
| Magnification | 1 |
| Object field of view | $\Phi 16.2\text{mm}$ |
| Image field of view | $\Phi 16.2\text{mm}$ |
| Working Distance | $178\text{mm} \pm 3\%$ |
| Telecentricity | $< 0.13^\circ$ |
| Depth of field | 1.2mm |
| F# | F11.1 |
| Resolution | $7.3\mu\text{m}$ |
| MTF | $> 0.3@90\text{lp/mm}$ |
| Distortion | $< 0.058\%$ |
| Detector type: | |

| | | |
|------|-----------|------------|
| 1' | 12.8×9.6 | 12.8×9.6mm |
| 2/3' | 8.45×7.07 | 8.5×7.1mm |
| 1/2' | 6.4×4.8 | 6.4×4.8mm |
| 1/3' | 4.8×3.6 | 4.8×3.6mm |

| | | | | | |
|--------------------------|-------------|--------------------|--------------------------|-------|---|
| Undefined tolerance (mm) | degree | File Name | | | |
| X. X | ± 0.2 | $\pm 30\text{min}$ | XF-10MDT1X178-1C-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 | | | | 1.5:1 | |
| 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. |