Kvision®
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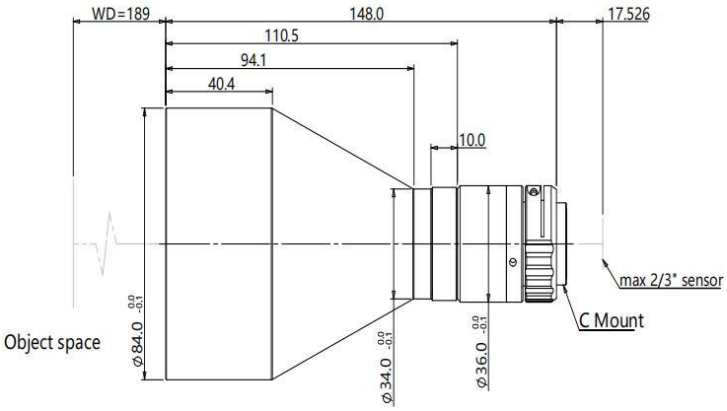
# Specifications

## CK-SDTCM230-64-AL

High-precision dual telecentric lens




### Supporting light source

SDTCL-64-xW-y
Parallel (telecentric) lights
Beam diameter 64mm

### Optical parameters

| | |
|---|---|
| Field of View (Φ mm) | 64 |
| Magnification β(x) | 0.178 |
| Working distance (mm) | 189±3 |
| CCD size (Φmm) | 11.4(2/3") |
| F/# | 5.4 |
| MTF30(lp/mm) | >145 |
| Depth of field (mm) | ±13.8@F11 |
| Image distortion (% max) | <0.1 |
| Telecentricity (° max) | <0.1 |
| Object distance I/O(mm) | 355±3 |

### Mechanical parameters

| | |
|---|---|
| Camera interface | C |
| Overall length of lens (mm) | 148.0 |
| Net weight (kg) | 0.8 |

### Field of View (mm x mm)

| | |
|---|---|
| 1/1.8" EV76C570 (7.2x5.4) | 40.4x30.3 |
| 1/1.7" IMX226 (7.5x5.6) | 42.1x31.5 |
| 2/3" IMX250/264 (8.45x7.1) | 47.5x39.9 |