

# WWH100-108CTLV3\*

## Megapixel Telecentric Lens

- Compact design with coaxial illumination options;
- Perfect image and supports all kinds of Mega camera;
- High contrast, low distortion, high resolution;
- Optional adjustable Iris for resolution and DOF control;
- Megapixel 'object side' telecentric lens with optional long working distance versions with over 500mm working distance.



| Optical Specifications             |          |
|------------------------------------|----------|
| Magnification (x)                  | 10       |
| Working Distance (mm)              | 108      |
| Max Sensor Size (Φmm)              | 11(2/3") |
| Aperture (F/#)                     | 48       |
| Telecentricity typical (max) (deg) | 0.01     |
| Distortion typical (max) (%)       | 0.01     |
| NA                                 | 0.1      |
| Resolution (μm)                    | 3.4      |
| Depth of Field (mm)                | 0.04     |

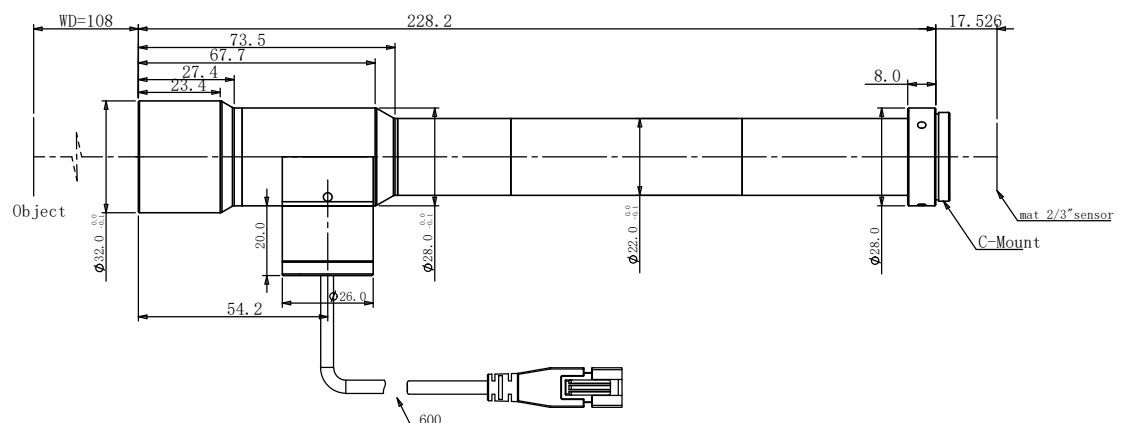
| Field of View (mm × mm) |           |
|-------------------------|-----------|
| 1/2"(6.4x4.8)           | 0.6×0.5   |
| 1/1.8"(7.13x5.37)       | 0.7×0.5   |
| 2/3"(8.45x7.1)          | 0.85×0.71 |

| Mechanical Specifications |       |
|---------------------------|-------|
| Mount                     | C     |
| Length (mm)               | 228.2 |
| Coaxial Light             | Yes   |
| Iris                      | No    |

| Input        | Lighting Color | Power |
|--------------|----------------|-------|
| 24V DC/0.12A | W / R / G / B  | 2.88W |

### Notes:

1. Depth of Field is calculated value, this value could be used for imaging test, but to get sharp image in application, half of calculated value is suggested.



Note: \* New product.