DTCA210-11.8C-M58

Large Format & High Magnification Bi-Telecentric Lens

- DTCA series lenses are designed specially for compatibility with large sensor.
- Support newest developments in machine vision field: 24K line scan camera and 150Mp area scan camera.
- Extreme imaging aperture, extraordinary aberration correction, diffraction limited imaging resolution.
- Big aperture, good telecentricity, near zero distortion, big depth for high quality imaging.

Optical Specifications	
Magnification (x)	2.8
Working Distance (mm)	90
Max Sensor Size (Φmm)	33(2")
Best Aperture(F/#)	11.1
Telecentricity typical (max) (deg)	<0.05
Distortion typical (max) (%)	<0.02
MTF30 (lp/mm)	>90
Depth of Field (mm)	±0.05@F11
Length of I/O (mm)	403
Coaxial Light	Yes
Iris	No

Field of View (mm x mm)	
GMAX 0806 43M (7915*5436, 2.8µm)	7.9x5.4
SONY IMX342 32M (6480*4860, 3.45µm)	8.0x6.0
PYTHON 25K 25M (5120*5120, 4.5µm)	8.2x8.2
DALSA 12.5M (4096*3072, 6µm)	8.8x6.6
CMV12000 12.5M (4096*3072, 5.5µm)	8.0x6.0
PYTHON12K 12M (4096*3072, 4.5µm)	6.6x4.9
DALSA LineScan 4K (4096, 7µm)	10.2mm
Mechanical Specifications	
Mount	M58
Length (mm)	300.9
Weight (kg)	1.25