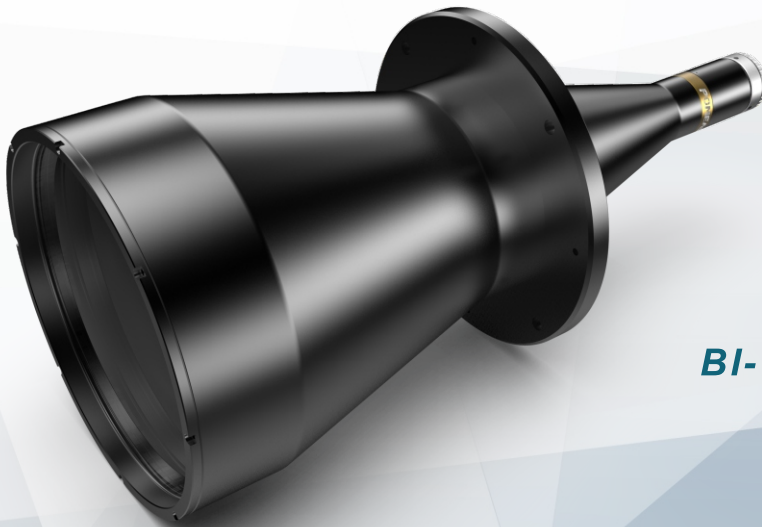




BI-TELECENTRIC LENS

1. Support max sensor as 2/3", the biggest FOV is $\Phi 180\text{mm}$.
2. Super low distortion, Deep DOF, Bi-telecentric design, ensure the same measurement result from any different position within the DOF range.
3. It can be adopted in precision measurement of all kinds of big parts, for example: Smart phone touchscreen, LCD board, Air compressor component, PCB and so on.
4. This lens can match with specially developed external coaxial illumination, it can be used for precision measurement of surface dimension of big parts (For example: Diameter of convex, Diameter of blind hole)

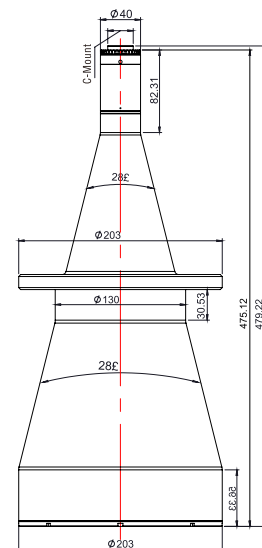


new

BI-TELECENTRIC LENS PMS-DTC23180

Code	PMS-DTC23180	
Magnification	0.061X	
Object Dimension HxV(mm)	1/3"	78.7X59.0
	1/2.5"	94.2X70.6
	1/2.3"	101.0X75.7
	1/2"	104.9X78.7
	1/1.8"	117.2X87.9
	2/3"	144.3X108.2
	1"	--
Working Distance(mm)	398	
Resolution(mm)	87.99	
F.NO.	8	
TV Distortion	0.01%	
DOF/mm *1	171.97	
N.A.	0.0038	
CentralMTF@70lp/mm	>50%	
Object Side Telecentricity	<0.02°	
Image Side Telecentricity	<0.06°	
Max.Sensor Size	2/3"	
Length(mm)	479.22	
Diameter/Width(mm)	$\Phi 203$	
Mount	C-Mount	
Illumination	--	
Working Temperature	-10°C ~ +50°C	

PMS-DTC23180



Unit:mm

*1: Theoretical calculating value(based on diameter of defocused spots is 0.04mm),in the reality application, take its 1/2 will gain the best effect.