

Designing for Trust

Telecentric

APT **Economical** SERIES

The optimal combination of quality, design, and price.



φ16 Telecentric Lens Series

High quality cost effective telecentric lenses

Features

The APT series provides you with a cost effective way to make accurate measurements, larger Depth of Field, and a Zero Angular Field of View which eliminates perspective error that you typically get with a non-telecentric lens. Coaxial models are also available.

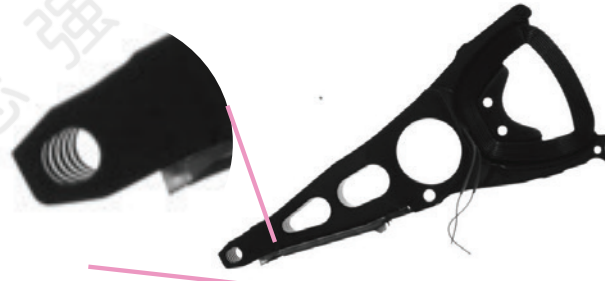
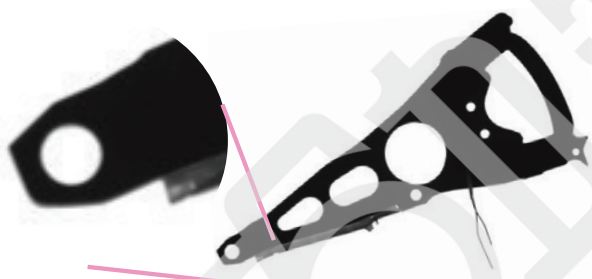
Model	Magnification	WD(mm)	Working F/#	Max Sensor
APT08-65(C)	0.8	66.0	9.6	1/1.8"
APT1-65(C)	1	65.9	12.1	1/1.8"
APT1.5-65(C)	1.5	68.9	25	1/1.8"
APT2-65(C)	2	65.4	25	1/1.8"
APT4-65(C)	4	64.5	28.9	2/3"
APT08-120(C)	0.8	121.9	17.5	1/2"
APT1-110(C)	1	113.0	21.9	1/1.8"
APT1.5-110(C)	1.5	115.0	18.7	1/1.8"
APT2-110(C)	2	110.5	24.9	1/1.8"

Image Comparison

Telecentric lenses allow you to capture the entire top surface of an object while ignoring the sides of it. It is truly a top down view.

Telecentric Image

Non-Telecentric Image

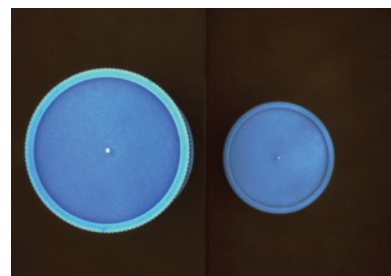
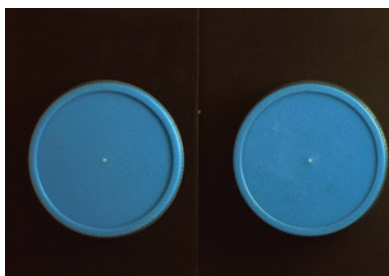


Even when the WD changes, a telecentric lens will display the accurate size of an object, while due to distortion, a non-telecentric lens will alter the true size of an object.

Object

Telecentric Image

Non-Telecentric Image



Coaxial illumination is another advantageous feature of a telecentric lens. It helps illuminate unevenness and scratches on the surface of any flat object you are viewing, as well as make it easier to make dimensional measurements.

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