

Telecentric

APT **Economical** SERIES

The optimal combination of quality, design, and price.



φ16 Telecentric Lens Series



VS TECHNOLOGY
MACHINE VISION OPTICS

High quality cost effective telecentric lenses



Features

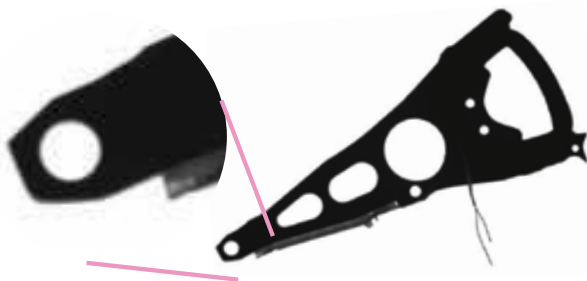
The APT series provides you with a cost effective way to make accurate measurements, larger Depth of Field, and a Zero Angular Field of View which eliminates perspective error that you typically get with a non-telecentric lens. Coaxial models are also available.

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"

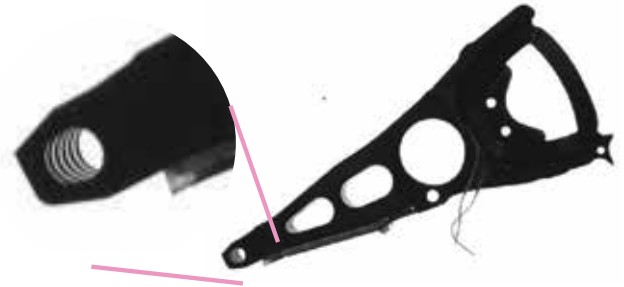
Image Comparison

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

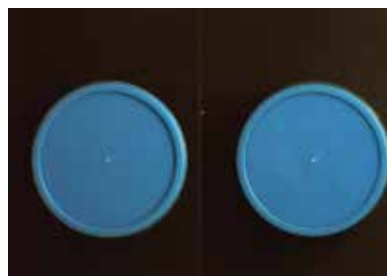


Even when the WD changes, a telecentric lens will display the accurate size of an object, while due to distortion, a non-telecentric lens will alter the true size of an object.

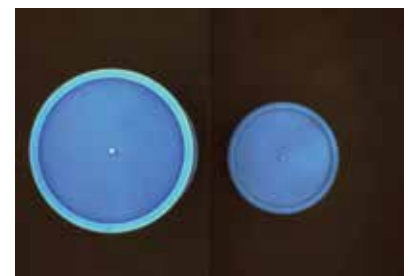
Object



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.