

# TURQUOISE

High-resolution 1" C-Mount lenses with broadband AR coating, usable in the visible 400 nm to 700 nm & NIR 700 nm to 1000 nm range.



TURQUOISE	Aperture	f' (mm)	Mount	Sensor Size (mm)	Type	Size D x L (mm x mm)	Weight (g)	Filter thread	ID
TURQUOISE 1.9/10 C	1.9–16	10	C	1" (16mm)	standard	37.3 x 50.2	136	M62 x 0.75 *	1001978
TURQUOISE 1.9/10 C-R	1.9–16	10	C	1" (16mm)	ruggedized	37.3 x 50.2	136	M62 x 0.75 *	1060005
TURQUOISE 1.9/10 C-MI	1.9–16	10	C	1" (16mm)	motorized iris	50 x 50.2	180	M62 x 0.75 *	1061374
TURQUOISE 1.8/16 C	1.8–11	16	C	1" (16mm)	standard	34 x 44.7	102	M30.5 x 0.5	1001482
TURQUOISE 1.8/16 C-R	1.8–11	16	C	1" (16mm)	ruggedized	34 x 44.7	102	M30.5 x 0.5	1058928
TURQUOISE 1.8/16 C-MI	1.8–11	16	C	1" (16mm)	motorized iris	50 x 44.7	146	M30.5 x 0.5	1061375
TURQUOISE 2.2/70 C	2.2–32	70	C	1" (16mm)	standard	42 x 77.8	200	M40.5 x 0.5	1014593
TURQUOISE 2.2/70 C-R	2.2–32	70	C	1" (16mm)	ruggedized	42 x 77.8	200	M40.5 x 0.5	1062874
TURQUOISE 2.2/70 C-MI	2.2–32	70	C	1" (16mm)	motorized iris	50 x 77.8	244	M40.5 x 0.5	1061457

\*Optional filter adapter is required

## THE ESTABLISHED STANDARD FOR UP TO 1"

### Key Features:

- 1" (16mm) max. sensor size
- C-Mount lenses
- 3 focal lengths: 10mm, 16mm and 70mm
- Initial aperture: F1.8 to F2.2
- Ruggedized and motorized iris available

### Typical applications:

- Machine Vision
- AOI (Automated Optical Inspection)
- 3D and 2D measurement
- Robotic Vision
- Traffic and surveillance

## TURQUOISE LENSES FOR THE INDUSTRY

These high-resolution 1" C-Mount lenses are compact and robust and therefore ideal for demanding imaging applications even in harsh environment. With the special broadband AR coating they can be used either in the visible 400 nm to 700 nm or in the NIR 700 nm to 1000 nm range. The lenses are also available in a ruggedized and a motorized version.

## MORE INFORMATION

Discover the variety of our high quality lenses. For more technical details on the lenses and datasheets, please visit our website: [www.schneiderkreuznach.com/turquoise](http://www.schneiderkreuznach.com/turquoise)

