

CMMR064

45° first surface mirror for 100 mm clamping diameter optics

SPECIFICATIONS

Optical specifications

Coating 1	Aluminium reflective coating	
Deviation angle	(deg)	90
Clamping diameter	(mm)	100

Mechanical specifications

Clamping system	locking	
Length	(mm)	128.0
Width	(mm)	128.0
Height	(mm)	141.3
Mass	(g)	779

Compatible products

Telecentric lenses	TCxx064, TC2MHR064-x, TC4MHR064-x, TC16M064-x, TC12K064
Telecentric illuminators	LTCLHP064-x

Optional accessories

Protective windows 2	WI064
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NOTES

1. Normal reflectance > 98% - bandwidth: 430-670 nm
2. To be ordered separately

Additional clamping mechanics are required to adequately support combination of CMMR with telecentric lenses and illuminators. CMHO series clamping mechanics can be used prior to verification of mechanical compatibility (see CMHO series mechanical drawings available online). CMHO is not compatible with the combination of the following two products: CMMR and TC13xxx.

COMPATIBLE PRODUCTS



TC series
Bi-telecentric lenses for matrix detectors up to 2/3"

TC13064	Bi-telecentric lens for 1/3" detectors, magnification 0.074 x, C-mount
TC12064	Bi-telecentric lens for 1/2" detectors, magnification 0.100 x, C-mount
TC23064	Bi-telecentric lens for 2/3" detectors, magnification 0.138 x, C-mount



TC2MHR and TC4MHR series
High resolution telecentric lenses for large detectors up to 1.2"

TC2MHR064-C	High resolution telecentric lens for 1" detectors, magnification 0.200x, C-mount
TC2MHR064-F	High resolution telecentric lens for 1" detectors, magnification 0.200x, F-mount
TC2MHR064-E	High resolution telecentric lens for 1" detectors, magnification 0.200x, mount M42X1 FD=16
TC4MHR064-C	High resolution telecentric lens for 1.2" detectors, magnification 0.275x, C-mount
TC4MHR064-F	High resolution telecentric lens for 1.2" detectors, magnification 0.275x, F-mount
TC4MHR064-E	High resolution telecentric lens for 1.2" detectors, magnification 0.275x, mount M42X1 FD=16



TC16M series
Telecentric lenses for 35 mm and 4k/8k linescan cameras

TC16M064	Telecentric lens for 35 mm detectors, magnification 0.561 x, F-mount
TC16M064-Q	Telecentric lens for 35 mm detectors, magnification 0.561 x, mount M58x0.75 FD = 6.56



TC12K series
Telecentric lenses for 12k and 16kpx line scan cameras

TC12K064 Telecentric lens for 12k and 16k linescan cameras, magnification 0.960 x, M72 x 0.75 mount



LTCLHP series
High-performance telecentric illuminators

LTCLHP064-R Telecentric HP illuminator, beam diameter 80 mm, red

LTCLHP064-G Telecentric HP illuminator, beam diameter 80 mm, green

LTCLHP064-B Telecentric HP illuminator, beam diameter 80 mm, blue

LTCLHP064-W Telecentric HP illuminator, beam diameter 80 mm, white



WI series
Protective windows

WI064 Protective window for 100 mm clamping diameter optics
