AS Series Bi-telecentric Lens

Product Features

1. AS series is designed for accurate geometric measurements
2. Image captures with maximum aperture
3. Extraordinary aberration correction with an resolving power close to the diffraction limit
   With adjustable light bar for depth and resolution of the balance, which provides convenient use
4. Option to integrate coaxial lighting, bilateral telecentric design
5. Multiple variants available, highly and easily customizable

Selection Guide

OPT-AS05-65C

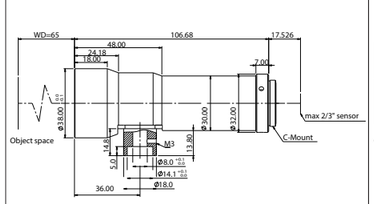
- C: coaxial structure
  A: no coaxial structure
- Object working distance is 65 mm
- Magnification 0.5X
- AS series bilateral telecentric lens
- OPT

Model Table

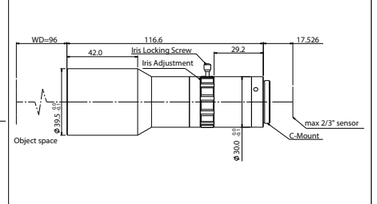
No.	Model	Magnify [x]	FOV Φ[mm]	WD [mm]	Matching chip	F/#	Optimum MTF30 [lp/mm]	DOF [mm]	Distortion [%]	Telecentricity [°]	Mount	Weight [kg]
1	OPT-AS05-65C	0.500	22	65± 1	2/3"	5.0	≥ 160	± 1.5	≤ 0.1	≤ 0.1	C	0.1
2	OPT-AS04-96A	0.400	28	96± 2	2/3"	5.0	≥ 90	± 2.0	≤ 0.1	≤ 0.1	C	0.1
3	OPT-AS03-110A	0.300	37	110± 2	2/3"	3.75	≥ 220	± 4.0	≤ 0.1	≤ 0.1	C	0.3
4	OPT-AS03-110C	0.300	37	110± 2	2/3"	3.75	≥ 220	± 4.0	≤ 0.1	≤ 0.1	C	0.3
5	OPT-AS0166-166A	0.166	66	166± 3	2/3"	3.3	≥ 260	± 13.0	≤ 0.1	≤ 0.1	C	0.6

Dimensional Drawings [mm]

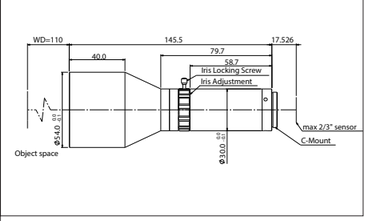
1 OPT-AS05-65C



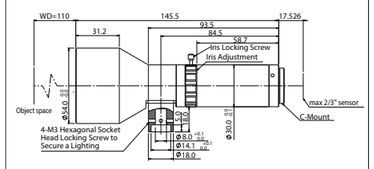
2 OPT-AS04-96A



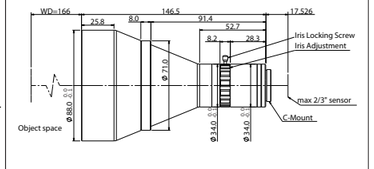
3 OPT-AS03-110A



4 OPT-AS03-110C



5 OPT-AS0166-166A



Distributed by:

MaxxVision®

Sigmaringer Str. 121
70567 Stuttgart
Tel.: +49 711 997 996 3
Fax: +49 711 997 996 50
www.maxxvision.com
info@maxxvision.com