

MACHINE VISION LENSES

For Imaging Application

1/2" & 2/3"

Quality, Durability and Affordable Price

Fixed Focal High Resolution Lenses for Imaging

Designed to meet demands on durable high quality machine vision lenses for imaging application, the new series of our lenses provide many outstanding features including ideal triple locking screws mechanism.

Standard **SS** series are delivered with one locking screw on each of focus ring and iris ring.

TS series are delivered with 3 each of the same screw on focus and iris rings so that rings are perfectly durable against vibrations in the severe environment.

SS series

(Single locking screw type)



	KV1614SS	KV2514SS	KV3520SS	KV5028SS	KV614SS
Image Format	2/3"	2/3"	2/3"	2/3"	1/2"
Focal Length	16mm	25mm	35mm	50mm	6mm
Max. Aperture	F1.4	F1.4	F2.0	F2.8	F1.4
Angular View on 2/3"	H:30.9 x V:23.2	H:20.1 x V:15.1	H:14.33 x V:10.45	H:9.98 x V:7.49	H:57.4 x V:44.3
Min. Object Distance	0.25m	0.25m	0.25m	0.5m	0.2m
TV Distortion	-0.30%	-0.30%	-0.02%	-0.20%	-0.96%
Back focus	12.78mm	13.13mm	18.06mm	21.2mm	12.32mm
Lens Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
Filter Screw	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M30.5 P=0.5
Dimensions (Dia.x L)	29.0 x 31.5mm	29.0 x 31.5mm	29.0 x 38.5mm	29.0 x 38.5mm	32.0 x 37.5mm
Weight (approx.)	45g	45g	55g	55g	50g

TS series

(Triple locking screws type)



	KV1614TS	KV2514TS	KV3520TS	KV5028TS	KV614TS
Image Format	2/3"	2/3"	2/3"	2/3"	1/2"
Focal Length	16mm	25mm	35mm	50mm	6mm
Max. Aperture	F1.4	F1.4	F2.0	F2.8	F1.4
Angular View on 2/3"	H:30.9 x V:23.2	H:20.1 x V:15.1	H:14.33 x V:10.45	H:9.98 x V:7.49	H:57.4 x V:44.3
Min.Object Distance	0.25m	0.25m	0.25m	0.5m	0.2m
TV Distortion	-0.30%	-0.30%	-0.02%	-0.20%	-0.96%
Back Focus	12.78mm	13.13mm	18.06mm	21.2mm	12.32mm
Lens Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
Filter Screw	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M30.5 P=0.5
Dimensions (Dia.x L)	29.0 x 31.5mm	29.0 x 31.5mm	29.0 x 38.5mm	29.0 x 38.5mm	32.0 x 37.5mm
Weight (approx.)	50g	50g	60g	60g	55g

Specifications subject to change without notice.

TUSS Vision, Inc.

Lenses Made in Japan