



NEW 1" Format Megapixel SWIR Lens Series

Features of HC-SW Series

- Incorporating Kowa's special coating technology, the 1" format HC-SW Series will maintain high transmission from 800nm to 2000nm.
- Designed for Near Infrared and Short Wavelength Infrared (SWIR) applications



NEW LM25HC-SW



NEW LM35HC-SW

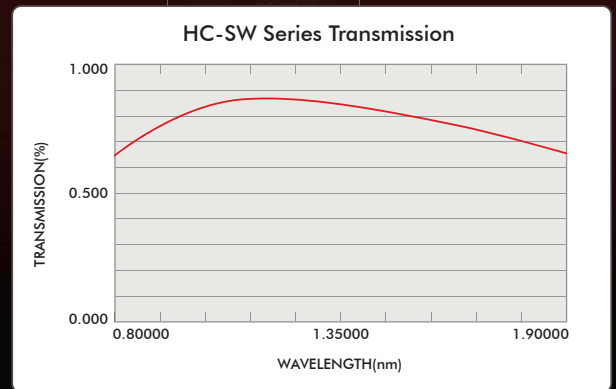


NEW LM50HC-SW



Product number	LM25HC-SW	LM35HC-SW	LM50HC-SW
Focal length (mm)	25	35	50
Image size	1" (Φ16mm)	1" (Φ16mm)	1" (Φ16mm)
Iris Range (F-Stop)	F1.4 ~ F16	F1.4 ~ F16	F1.4 ~ F16
Focusing range (m)	0.3 ~ ∞	0.3 ~ ∞	0.5 ~ ∞
Control	Manual	Manual	Manual
Iris	Manual	Manual	Manual
Focus	Manual	Manual	Manual
Angle of view (degree)	2/3 inch: 29.3(H) × 22.0(V) 1/2 inch: 20.2(H) × 15.1(V) 1/3 inch: 14.7(H) × 11.0(V)	20.9(H) × 15.8(V) 14.4(H) × 10.8(V) 10.5(H) × 7.8(V)	14.5(H) × 10.8(V) 10.0(H) × 7.54(V) 7.3(H) × 5.4(V)
Resolution (Center, Corner)	120Lp/mm, 80LP/mm	120Lp/mm, 80LP/mm	120Lp/mm, 80LP/mm
Distortion (TV)	-1.0%	-0.5%	-0.05%
Back Focus in air (mm)	16.5	12.1	14.8
Mount	C-Mount	C-Mount	C-Mount
Filter size (mm)	M35.5 × P0.5	M35.5 × P0.5	M40.5 × 0.5
Size (mm)	Φ42 × 43	Φ42 × 43	Φ47.5 × 48
Weight (g)	125	130	200
Temperature range	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C

Specifications are subject to change without notice



Kowa Company, Ltd.

Electronics & Optics Division

4-14, Nihonbashi-Honcho 3-chome,
Chuo-ku, Tokyo 103-8433, Japan
Phone : +81-(3) 5623-8061
Facsimile : +81-(3) 5623-8060
E-mail : opt-cctv@kowa.co.jp
http://www.kowa.co.jp

Kowa Europe GmbH

Immermannstrasse 43B
40210 Duesseldorf F.R. Germany
Phone : +49-(211) 17 93 54 0
Facsimile : +49-(211) 16 19 52
E-mail : lens@kowaeurope.de
http://www.kowa.eu

Kowa Optimed, Inc.

20001 S. Vermont Ave.
Torrance, CA 90502, USA
Phone : +1-(310) 327-1913
Facsimile : +1-(310) 327-4177
E-mail : kowa-usa-info@kowa.com
Homepage : http://www.kowa-usa.com

