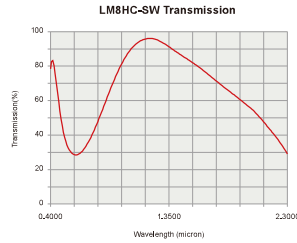
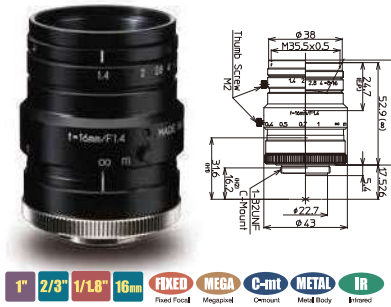


HC-SW Series

- Incorporating Kowa's special coating technology, the 1" format HC-SW series will maintain high transmission from 800nm to 1900nm.
- Designed for Near Infrared(NIR) and Short Wavelength Infrared (SWIR) applications.



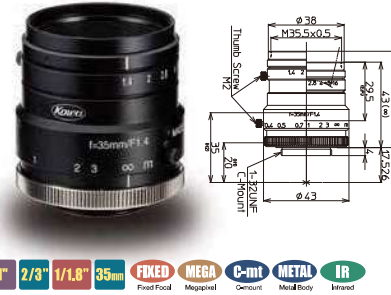
LM16HC-SW



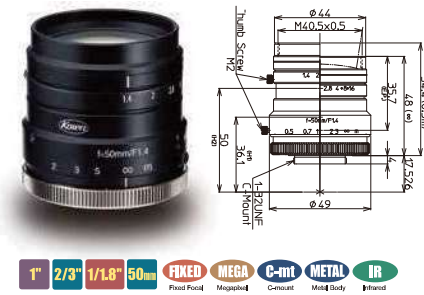
LM25HC-SW



LM35HC-SW



LM50HC-SW



LM8HC-SW



Model	LM8HC-SW
Focal Length(mm)	8
Image Size(mm)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.4-F16
Focusing Range(m)	0.1-∞
Control	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	196.0(H)×143.2(V)
Angle of View	79.4×63.0
View	58.3×44.7
(Degrees)	1/1.8 Inch
TV Distortion(%)	-1.2
Back Focus in Air(mm)	11.2
Mount	C-mount
Filter Thread(mm)	M55×P0.75
Size(mm)	Φ57×58
Weight(g)	205
Temperature Range	-10°C~+50°C

LM12HC-SW



Model	LM12HC-SW
Focal Length(mm)	12.5
Image Size(mm)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.4-F16
Focusing Range(m)	0.3-∞
Control	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	330.6(H)×243.5(V)
Angle of View	55.6×42.5
View	39.1×29.5
(Degrees)	1/1.8 Inch
TV Distortion(%)	-1.6
Back Focus in Air(mm)	12.6
Mount	C-mount
Filter Thread(mm)	M35.5×P0.5
Size(mm)	Φ43×51.5
Weight(g)	160
Temperature Range	-10°C~+50°C

Model	LM16HC-SW	LM25HC-SW	LM35HC-SW	LM50HC-SW
Focal Length(mm)	16	25	35	50
Image Size(mm)	12.8×9.6(Φ16)	12.8×9.6(Φ16)	12.8×9.6(Φ16)	12.8×9.6(Φ16)
Iris Range(F-stop)	F1.4-F16	F1.4-F16	F1.4-F16	F1.4-F16
Focusing Range(m)	0.1-∞	0.3-∞	0.3-∞	0.5-∞
Control	Iris Manual Focus Manual	Iris Manual Focus Manual	Iris Manual Focus Manual	Iris Manual Focus Manual
Shooting Range at M.O.D.(mm)	251.5(H)×186.2(V)	160.7(H)×119.2(V)	110.1(H)×82.0(V)	121.8(H)×91.3(V)
Angle of View	44.3×33.6	29.3×22.0	20.9×15.8	14.5×10.8
View	30.8×23.2	20.2×15.1	14.4×10.8	10.0×7.5
(Degrees)	1/1.8 Inch	1/1.8 Inch	1/1.8 Inch	1/1.8 Inch
TV Distortion(%)	-1.0	-1.0	-0.5	0.05
Back Focus in Air(mm)	12.6	16.5	14.8	14.8
Mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	M35.5×P0.5	M35.5×P0.5	M35.5×P0.5	M40.5×P0.5
Size(mm)	Φ43×52.9	Φ43×43	Φ43×43	Φ48×48
Weight(g)	150	135	135	210
Temperature Range	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C

† Images may differ from the actual product.

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