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so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

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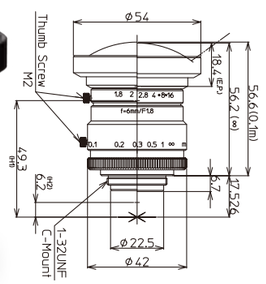
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HC Series

- Wide product range: 8 lenses in HC series
- Excellent corner brightness
- Low distortion
- For large format 1" megapixel applications
- High performance compact lenses

LM6HC

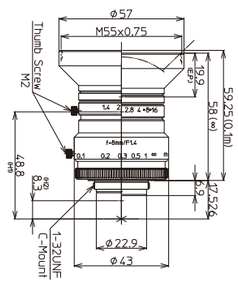




1" 2/3" 1/1.8" 6mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

LM8HC

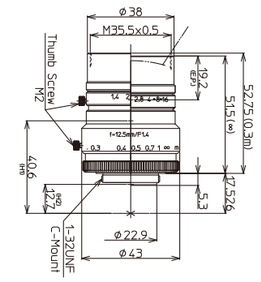




1" 2/3" 1/1.8" 8mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

LM12HC

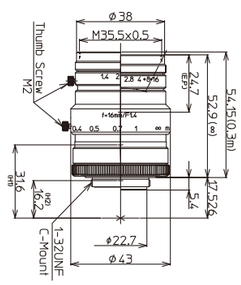




1" 2/3" 1/1.8" 12.5mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

LM16HC





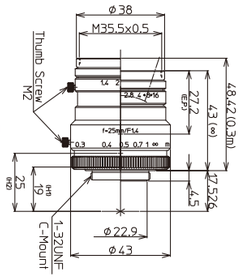
1" 2/3" 1/1.8" 16mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

Model	LM6HC	LM8HC	LM12HC	LM16HC
Focal Length(mm)	6	8	12.5	16
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)	F1.8~F16	F1.4~F16	F1.4~F16	F1.4~F16
Focusing Range(m)	0.1~∞	0.1~∞	0.3~∞	0.3~∞
Control Iris	Manual	Manual	Manual	Manual
Control Focus	Manual	Manual	Manual	Manual
Shooting Range at M.O.D.(mm)	267.4(H)×196.3(V)	196.0(H)×143.2(V)	330.6(H)×243.5(V)	251.5(H)×186.2(V)
Angle of View (Degrees) 1 Inch	96.8×79.4	79.4×63.0	55.6×42.5	44.3×33.6
Angle of View (Degrees) 2/3 Inch	74.1×58.0	58.3×44.7	39.1×29.5	30.8×23.2
Angle of View (Degrees) 1/1.8 Inch	62.6×48.2	48.5×36.9	32.1×24.2	25.3×19.0
Resolution(Center, Corner)	120lp/mm, 80lp/mm	120lp/mm, 80lp/mm	120lp/mm, 80lp/mm	120lp/mm, 80lp/mm
TV Distortion(%)	−0.2	−1.2	−1.58	−1.0
Back Focus in Air(mm)	11.1	11.2	12.6	12.6
Mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	–	M55×P0.75	M35.5×P0.5	M35.5×P0.5
Size(mm)	Φ54×56.2	Φ57×58	Φ43×51.5	Φ43×52.9
Weight(g)	215	205	160	150
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.

LM25HC

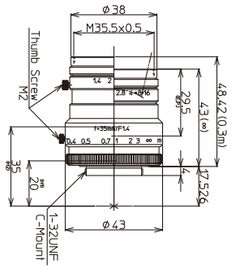




1" 2/3" 1/1.8" 25mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

LM35HC

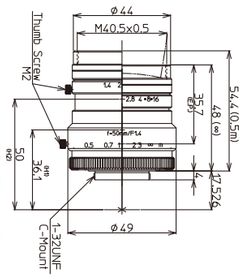




1" 2/3" 1/1.8" 35mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

LM50HC

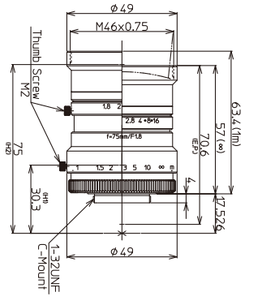




1" 2/3" 1/1.8" 50mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

LM75HC





1" 2/3" 1/1.8" 75mm FIXED Fixed Focal MEGA Megapixel C-mt C-mount METAL Metal Body

Model	LM25HC	LM35HC	LM50HC	LM75HC
Focal Length(mm)	25	35	50	75
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	F1.8~F16
Focusing Range(m)	0.3~∞	0.3~∞	0.5~∞	1.0~∞
Control Iris	Manual	Manual	Manual	Manual
Control Focus	Manual	Manual	Manual	Manual
Shooting Range at M.O.D.(mm)	160.7(H)×119.2(V)	110.1(H)×82.0(V)	121.8(H)×91.3(V)	165.5(H)×123.9(V)
Angle of View (Degrees) 1 Inch	29.3×22.0	20.9×15.8	14.5×10.8	9.7×7.3
Angle of View (Degrees) 2/3 Inch	20.2×15.1	14.4×10.8	10.0×7.5	6.7×5.0
Angle of View (Degrees) 1/1.8 Inch	16.5×12.4	11.8×8.8	8.2×6.2	5.5×4.1
Resolution(Center, Corner)	120lp/mm, 80lp/mm	120lp/mm, 80lp/mm	120lp/mm, 80lp/mm	120lp/mm, 80lp/mm
TV Distortion(%)	−1.0	−0.5	0.05	−0.2
Back Focus in Air(mm)	16.5	16.8	14.8	14.5
Mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	M35.5×P0.5	M35.5×P0.5	M40.5×P0.5	M46×P0.75
Size(mm)	Φ43×43	Φ43×43	Φ49×48	Φ49×57
Weight(g)	135	135	210	195
Temperature Range	−10°C~+50°C	−10°C~+50°C	−10°C~+50°C	−10°C~+50°C

Diagram of M.O.D. / Magnification Using A Close Up Ring

Model	LM6HC	LM8HC	LM12HC	LM16HC	LM25HC	LM35HC	LM50HC	LM75HC
(Non)M.O.D./Magnification	100mm/0.05×	100mm/0.07×	300mm/0.04×	300mm/0.05×	300mm/0.08×	300mm/0.12×	500mm/0.11×	1000mm/0.078×
(1mm Ring)M.O.D./Magnification	–	–	93mm/0.12×	134mm/0.11×	200mm/0.12×	243mm/0.15×	424mm/0.13×	858mm/0.091×
(5mm Ring)M.O.D./Magnification	–	–	–	–	83mm/0.28×	138mm/0.26×	269mm/0.20×	553mm/0.14×
(10mm Ring)M.O.D./Magnification	–	–	–	–	–	91mm/0.40×	189mm/0.30×	389mm/0.21×
(20mm Ring)M.O.D./Magnification	–	–	–	–	–	–	124mm/0.50×	251mm/0.34×

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