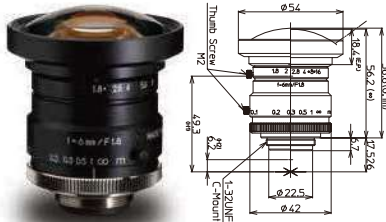


## HC Series

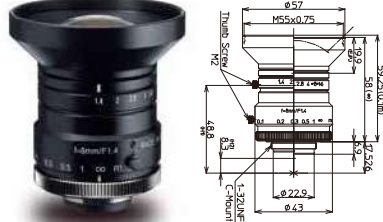
- Wide product range: 8 lenses in HC series
- Excellent corner brightness
- Low distortion
- For large format 1" megapixel applications
- High performance compact lenses

LM6HC



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

LM8HC



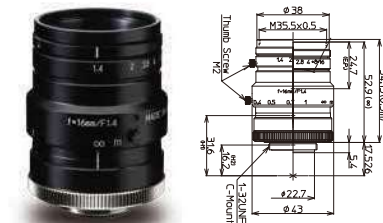
1" 2/3" 1/1.8" 8mm FIXED MEGA C-mt METAL  
Fixed Focal Megapixel Count Metal Body

LM12HC



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

LM16HC



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

Model	LM6HC	LM8HC	LM12HC	LM16HC
Focal Length(mm)	8	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 Focus Manual	Iris Manual Focus Manual	Iris Manual Focus Manual	Iris Manual Focus Manual
Shooting Range at M.C.D.(mm)	267.4(H)×196.3(V)	196.0(H)×143.2(V)	330.5(H)×243.5(V)	251.5(H)×186.2(V)
Angle of View	1 Inch 96.8×79.4 2/3 Inch 74.1×58.0 1/1.8 Inch 62.6×48.2	79.4×63.0 58.3×44.7 48.5×36.9	55.6×42.5 39.1×29.5 32.1×24.2	44.3×33.8 30.8×23.2 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	-1.8	-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

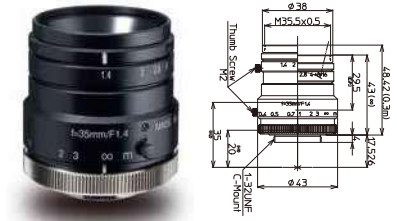
† Images may differ from the actual product.

LM25HC



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

LM35HC



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

LM50HC



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

LM75HC



1" 2/3" 1/1.8" 75mm FIXED MEGA C-mt METAL  
Fixed Focal Megapixel Count 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 Focus Manual	Iris Manual Focus Manual	Iris Manual Focus Manual	Iris Manual Focus Manual
Shooting Range at M.C.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	1 Inch 29.3×22.0 2/3 Inch 20.2×15.1 (Degrees) 1/1.8 Inch 16.5×12.4	20.9×15.8 14.4×10.8 11.8×8.8	14.5×10.8 10.0×7.5 8.2×6.2	9.7×7.3 6.7×5.0 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.C.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.C.D./Magnification	-	-	93mm/0.12×	134mm/0.11×	200mm/0.12×	243mm/0.15×	424mm/0.13×	858mm/0.091×
(5mm Ring) M.C.D./Magnification	-	-	-	-	83mm/0.28×	138mm/0.26×	269mm/0.20×	553mm/0.14×
(10mm Ring) M.C.D./Magnification	-	-	-	-	-	91mm/0.40×	189mm/0.30×	389mm/0.21×
(20mm Ring) M.C.D./Magnification	-	-	-	-	-	-	124mm/0.50×	251mm/0.34×

† Images may differ from the actual product.