NEW 10 Megapixel Lens Series

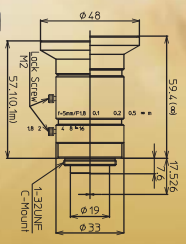
~ For Extremely Demanding Applications ~

Features of JC10M Series

- **200lp/mm resolution and low distortion will maximize performance of high-end inspection.**
- **Incorporating Kowa's broad band coating and floating mechanism design, the JC10M lens series will greatly reduce chromatic aberration from close distance to infinity and maintain a high transmission from visible to NIR.**
- **Short minimum focus distance and compact design using aspherical lenses (5 models) will allow for easy installation in compact machine vision systems.**

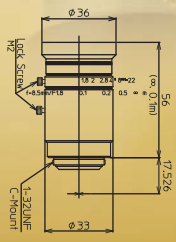






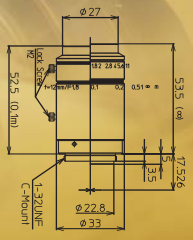
NEW LM5JC10M





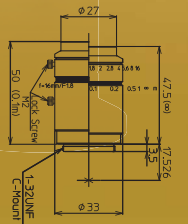
NEW LM8JC10M





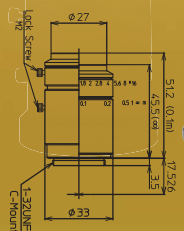
NEW LM12JC10M





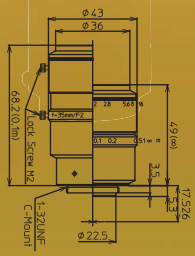
NEW LM16JC10M





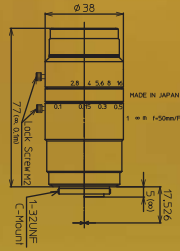
NEW LM25JC10M





NEW LM35JC10M





NEW LM50JC10M

Product number	LM5JC10M	LM8JC10M	LM12JC10M	LM16JC10M	LM25JC10M	LM35JC10M	LM50JC10M
Focal length(mm)	5	8.5	12	16	25	35	50
Image size	2/3"(Φ11mm)	2/3"(Φ11mm)	2/3"(Φ11mm)	2/3"(Φ11mm)	2/3"(Φ11mm)	2/3"(Φ11mm)	2/3"(Φ11mm)
Iris Range(F-Stop)	F1.8 ~ F16	F1.8 ~ F22	F1.8 ~ F11	F1.8 ~ F16	F1.8 ~ F16	F2.0 ~ F16	F2.8 ~ F16
Focusing range(m)	0.1 ~ ∞	0.1 ~ ∞	0.1 ~ ∞	0.1 ~ ∞	0.1 ~ ∞	0.1 ~ ∞	0.1 ~ ∞
Control Iris	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Control Focus	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Shooting Range at M.O.D	197.0mm(H) × 147.0mm(V)	133.2mm(H) × 99.6mm(V)	80.7mm(H)×60.2mm(V)	61.1mm(H)×45.7mm(V)	36.7mm(H)×27.5mm(V)	23.4mm(H)×17.6mm(V)	19.1mm(H)×14.3mm(V)
Angle of view (degree) 2/3 inch	82.2(H)×66.5(V)	54(H)×41.9(V)	39.1(H)×29.8(V)	30(H)×22.7(V)	20(H)×15.1(V)	14.3(H)×10.8(V)	10.1(H)×7.6(V)
Angle of view (degree) 1/2 inch	64.9(H)×51.1(V)	40.8(H)×31.2(V)	28.9(H)×21.9(V)	22(H)×16.6(V)	14.6(H)×11(V)	10.4(H)×7.8(V)	7.3(H)×5.5(V)
Angle of view (degree) 1/3 inch	51.1(H)×39.5(V)	31.2(H)×23.6(V)	21.9(H)×16.5(V)	16.6(H)×12.5(V)	11(H)×8.2(V)	7.8(H)×5.9(V)	5.5(H)×4.1(V)
Resolution(Center,Corner)	200Lp/mm,160Lp/mm	200Lp/mm,160Lp/mm	200Lp/mm,160Lp/mm	200Lp/mm,160Lp/mm	200Lp/mm,160Lp/mm	200Lp/mm,160Lp/mm	200Lp/mm,160Lp/mm
Distortion(TV)	−0.33%	0.31%	−0.12%	−0.20%	−0.09%	−0.05%	−0.02%
Back Focus in air(mm)	10.3	12.1	13.9	14.6	17.9	14.2	12.8
Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
Filter size(mm)	M46 × 0.75	M34 × 0.5	M25.5×0.5	M25.5×0.5	M25.5×0.5	M34×0.5	M30.5×0.5
Size(mm)	Φ48 × 57.1	Φ36 × 56	Φ33×52.5	Φ33×47.5	Φ33×45.5	Φ43×49	Φ38×77
Weight(g)	120	115	105	90	95	160	170
Temperature range	−10℃~+45℃	−10℃~+45℃	−10℃~+45℃	−10℃~+45℃	−10℃~+45℃	−10℃~+45℃	−10℃~+45℃

Specifications are subject to change without notice

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