



# 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
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	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)
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)
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°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C	-10°C ~ +45°C

Specifications are subject to change without notice.



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