



Unit: mm

Specification

Model	1M13340IR-M3.5		
Sensor	1/9" S5K9A1 (1.4um)	1/10" (640X480?2.25um)	1/13" (640X480?1.75um)
Sensor Size	1.792(H)x1.008(V)x2.056(D)	1.44(H)x1.08(V)x1.80(D)	1.12(H)x0.84(V)x1.40(D)
FBFL	0.55 mm (Object at 60 cm) with 0.21mm IR & 0.4mm Cover Glass	0.55 mm (Object at 60 cm) with 0.21mm IR & 0.4mm Cover Glass	0.55 mm (Object at 60 cm) with 0.21mm IR & 0.4mm Cover Glass
EFL	1.33 mm	1.33 mm	1.33 mm
F/No	4.0±5%	4.0±5%	4.0±5%
FOV	H 67.7° @ Y'=1.792 mm	H 56.7° @ Y'=1.44 mm	H 45.4° @ Y'=1.12 mm
	V 41.2° @ Y'=1.008 mm	V 43.9° @ Y'=1.08 mm	V 34.7° @ Y'=0.84 mm
	D 75.1° @ Y'=2.056 mm	D 68.0° @ Y'=1.80 mm	D 55.3° @ Y'=1.40 mm
TV Distortion	<1%	<1%	<1%
Chief Ray Angle	<33.8°	<32.64°	<27.49°
Relative Illumination	>40% at 1.0 field	>45% at 1.0 field	>60% at 1.0 field
Lens Construction	3 P+1 IR	3 P+1 IR	3 P+1 IR
Total Track	1.95 mm (Object at 60 cm) with 0.21mm IR & 0.4mm Cover Glass	1.95 mm (Object at 60 cm) with 0.21mm IR & 0.4mm Cover Glass	1.95 mm (Object at 60 cm) with 0.21mm IR & 0.4mm Cover Glass
Lens Dimension	ø3.5 X (1.40)	ø3.5 X (1.40)	ø3.5 X (1.40)
Mount Dimension	M3.5 X P0.2	M3.5 X P0.2	M3.5 X P0.2
IR cut	650±10nm	650±10nm	650±10nm
Image Circle Diameter	ø2.36 mm	ø2.36 mm	ø2.36 mm

*NO Lens holder