

PRODUCT MODEL: KL-1242

MACHINE VISION LENS

DESIGNED IN INDIA

EFL		35mm	
F/No.		F2.8-16	
Resolution		25MP	
For Sensor		1.1" 14.13x10.35mm	1" 12.8x9.6mm
F.O.V	Horizontal	21.5°	19.6°
	Vertical	15.9°	14.7°
	Diagonal	26.6°	16.9°
TV Distortion		<0.15%	<0.05%
M.O.D		0.15m~∞	
FFL		17.53mm	
BFL		10.9mm	
Filter Size		M43*P0.75	
Mount Type		C-Mount	
Operating Temperature		-20°C~+85°C	
Storage Temperature		-20°C~+85°C	
Working Distance(mm)	Optical Magnificationi	1.1" F.O.V (mm)	
5000	0.0069X	2035	1526.9
4000	0.0086X	1628	1221.5
3000	0.0139X	1011.5	759.1
2000	0.0231X	608.8	456.7
1000	0.0347X	405.7	304.3
900	0.0386X	364.8	273.7
800	0.0434X	324.7	243.5
700	0.0495X	284.2	213.1
600	0.0582X	241.7	181.3
500	0.0695X	202.8	152.1
300	0.0992X	142.1	106.5
150	0.1732X	81.5	61.3
100	0.2313X	60.9	45.6

Remark: Weight 143g

Scale	Remark	Tolerances	Date	BRAND	
4:1	X	±0.2	01-09-2025	KYPTEC	
	X.0	±0.15	Website	www.kypotec-automation.com	
Units	X.00	±0.10	Design	DARSH	
	X.000	±0.001	Checked	HARSHIL	
mm	Angle	±0.5°	Approval	NITIN	

