

Security Systems



PENTAX IMAGING SYSTEMS - SECURITY SYSTEMS DIVISION



MEGAPIXEL FOR MACHINE VISION FROM 6MM TO 75MM

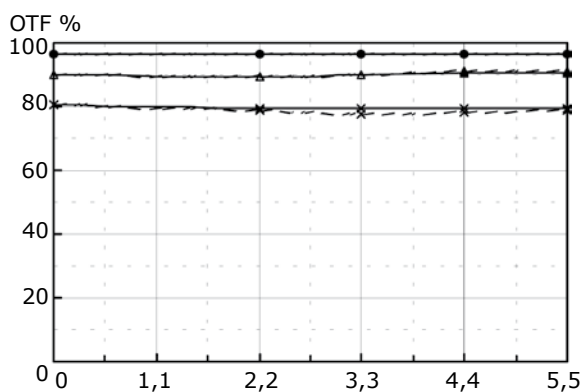
- Focal Length 6mm; 12mm, 16mm, 25mm, 35mm, 50mm and 75mm
- UHigh Resolution
- Highest Contrast
- Fast Aperture
- Extremely Robust
- Compact Design
- Fixing Screws
- Minimized Distorsion
- Minimized Vignetting



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Technical Specification:

Part No.	C60636KP	C61232KP	C31634KP	C32500KP	C33500KP	C35001KP	C37500KP
Designation	C614-MQ (KP)	C1214-M (KP)	C1614-M (KP)	C2514-M (KP)	C3516-M (KP)	C5028-M (KP)	C7528-M (KP)
Focal Length	6mm	12mm	16mm	25mm	35mm	50mm	75mm
F-Stop	1.4-16	1.4-16	1.4-16	1.4-16	1.6-16	2.8-22	2.8-22
Format	1/2"	1/2"	2/3"	2/3"	2/3"	2/3"	2/3"
Mount	C	C	C	C	C	C	C
Angle of View, horiz.	57.4°	28.9°	31°	20°	14.8°	10.1°	6.9°
MOD	0.2m-∞	0.25m-∞	0.25m-∞	0.25m-∞	0.4m-∞	0.9m-∞	0.7m-∞
Filter Thread	30.5mm	27mm	27mm	27mm	27mm	27mm	30.5mm
Iris	manual	manual	manual	manual	manual	manual	manual
Dimensions	32(D)x37.5(L)	29.5(D) x28.5(L)	29.5(D) x33.2(L)	29.5(D)x32(L)	29.5(D) x35.4(L)	29.5(D)x34(L)	34(D)x59.6(L)
Weight	65g	55g	63g	55g	64g	55g	125g

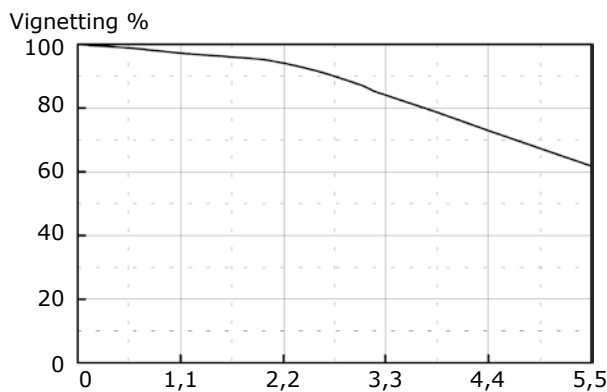
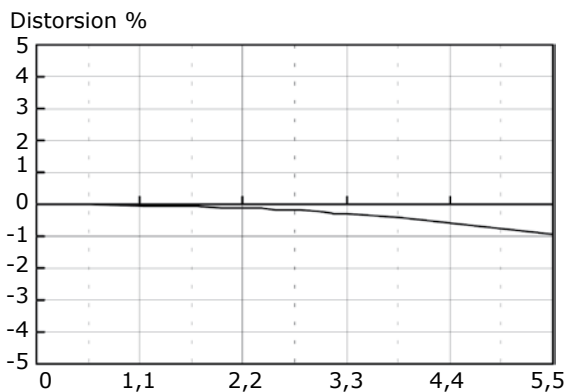


The overall image quality is kept high through many aspects. The picture geometry has been enhanced by reduced distortion and the lens resolution has been designed around the requirements of mega pixel sensors. The contrast of the image borders exceeds the standard requirement many times over due to our new applied manufacturing technologies.

These lenses are purposely designed to maximise picture performance at short distances.

Also the lens coatings set new standards in quality and are ideal for taking images of particularly high-contrast scenes or intensely illuminated high-speed exposures.

(Example: C3516-M (KP))



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