

HK OPTO

We provide the best quality and to support the competitive edge for your company

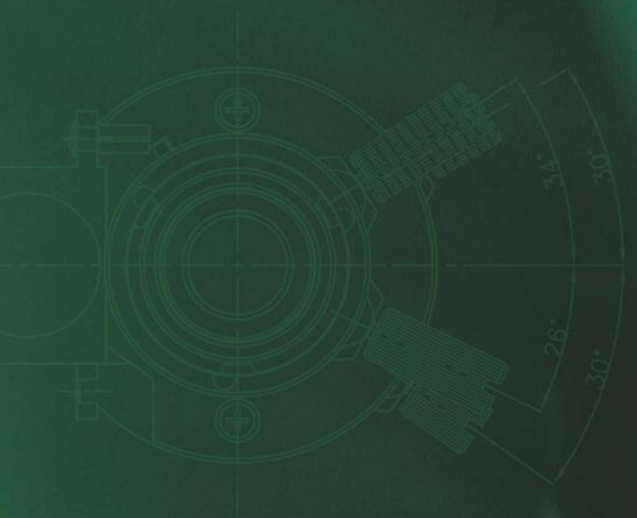




“Innovator of real visual Value”

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HanKwang Optical Lenses

HanKwang Opto established in 1976 is an optical and laser machine manufacturing company.

The company's vision is to contribute to the human convenience by creating value in field of the optical lens & laser machine technolog Our Mission is to become the global leader by competitive advantage in this dynamic market by implementation of efficient system & processes and focusing on systematic Integration of R&D technology throughout the company.

Our value management will continue to provide the highest product quality, pleasant user environment and customer satisfaction. Thank you.





HR (High Resolution) Lens

HR (High Resolution) Lens

176200HR-BIF		Focal Length	1.7MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	2.0	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	154.0°
		Sensing Area	1/4"		H	120.0°
		Total length (mm)	21.1		V	95.0°
215250FT-KTG		Focal Length	2.1MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.6	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	154.6°
		Sensing Area	1/4"		H	106.0°
		Total length (mm)	14.5		V	75.7°
216250HR		Focal Length	2.1MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	4.0	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	165.7°
		Sensing Area	1/3" & 1/4"		H	132.3°
		Total length (mm)	22.3		V	102.0°
234200HR		Focal Length	2.3MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	3.5	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	150°
		Sensing Area	1/3"		H	103°
		Total length (mm)	20.2		V	76°
236250HR		Focal Length	2.3MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	4.9	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	158.3°
		Sensing Area	1/3" & 1/4"		H	125.8°
		Total length (mm)	21.2		V	97.3°
244250HR		Focal Length	2.4MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	4.0	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	132°
		Sensing Area	1/4"		H	98.7°
		Total length (mm)	20.4		V	70.6°
245250FT-KTG		Focal Length	2.4MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.8	Angular Field Of View	1/4"	OV7950
		Lens construction	5/5		D	122°
		Sensing Area	1/4" CCD & OV7950		H	91.2°
		Total length (mm)	14.5		V	66.0°
256250HR		Focal Length	2.5MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	4.6	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	142.7°
		Sensing Area	1/3" & 1/4"		H	113.4°
		Total length (mm)	24.6		V	85.9°
264200HR		Focal Length	2.6MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	2.6	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	114.0°
		Sensing Area	1/4"		H	85.8°
		Total length (mm)	18.7		V	62.3°
275200HR		Focal Length	2.7MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.9	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	153.0°
		Sensing Area	1/3" & 1/4"		H	113.7°
		Total length (mm)	24.0		V	82.3°
294200FT-BIF		Focal Length	2.9MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	3.6	Angular Field Of View	1/3"	
		Lens construction	4/4		D	133.7°
		Sensing Area	1/3"		H	101.3°
		Total length (mm)	17.9		V	73.4°

HR (High Resolution) Lens



304200HR		Focal Length	3.0MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.3	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	126° 88.2°
		Sensing Area	1/3" & 1/4"		H	94.4° 69.9°
		Total length (mm)	20.4		V	69.5° 51.7°
434180HR		Focal Length	4.3MM	Maximum relative (F) aperture	F1.8	
		Mechanical back (mm)	5.8	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	83.1° 61.1°
		Sensing Area	1/3" & 1/4"		H	73.7° 49.2°
		Total length (mm)	21.6		V	47.3° 36.0°
564200HR		Focal Length	5.6MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	7.7	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	65.3° 48.5°
		Sensing Area	1/3" & 1/4"		H	51.4° 38.8°
		Total length (mm)	25.2		V	36.9° 28.9°
604200N-HR		Focal Length	6.0MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	7.6	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	60.0° 43.2°
		Sensing Area	1/3" & 1/4"		H	46.1° 34.6°
		Total length (mm)	22.9		V	34.2° 25.8°
804200HR		Focal Length	8.0MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	6.6	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	43.0° 31.3°
		Sensing Area	1/3" & 1/4"		H	33.8° 24.8°
		Total length (mm)	19.9		V	25.7° 18.2°
1204200HR		Focal Length	12.0MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	6.0	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	28.0° 21.2°
		Sensing Area	1/3" & 1/4"		H	22.2° 17.1°
		Total length (mm)	18.1		V	16.3° 12.6°
1604120HR		Focal Length	16.0MM	Maximum relative (F) aperture	F1.2	
		Mechanical back (mm)	5.0	Angular Field Of View		1/2" 1/3"
		Lens construction	4/4		D	27.7° 21.0°
		Sensing Area	1/2" & 1/3"		H	21.8° 17.2°
		Total length (mm)	24.3		V	16.5° 13.0°
1804300HR		Focal Length	18.0MM	Maximum relative (F) aperture	F3.0	
		Mechanical back (mm)	7.0	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	18.9° 14.2°
		Sensing Area	1/3" & 1/4"		H	13.3° 11.4°
		Total length (mm)	29.5		V	11.4° 8.6°
2504400PA		Focal Length	25.0MM	Maximum relative (F) aperture	F4.0	
		Mechanical back (mm)	2.40	Angular Field Of View		1/2" 1/3"
		Lens construction	4/4		D	13.5° 9.9°
		Sensing Area	1/2" & 1/3"		H	10.7° 8.2°
		Total length (mm)	33.8		V	7.8° 5.9°
3504500PA		Focal Length	35.0MM	Maximum relative (F) aperture	F5.0	
		Mechanical back (mm)	12.50	Angular Field Of View		1/3" 1/4"
		Lens construction	4/4		D	9.6° 7°
		Sensing Area	1/3" & 1/4"		H	7.7° 4.5°
		Total length (mm)	24.4		V	5.8° 3°

If you wish to use lens for Colour camera, you should use IR cut coating lens OR built in IR cut filter lens. If our lens is unsuitable in your colour camera, please contact us ASAP, we can introduce IR cut coating lens OR built in IR cut filter lens to you. Also thread is changeable according to customer requirement. Our standard thread is M12×P0.5. [M9, M10, M13 & etc]

Specification and products design are subject to change without notice



Megapixel Lens

2 Mega-pixel BOARD TYPE



27M406200FT-2MP



Focal Length	4.0MM	Maximum relative (F) aperture	F2.0
Mechanical back (mm)	6.8		1/2.7"
Lens construction	6/6	Angular Field Of View	D 101.7°
Sensing Area	1/2.7" (OV2715)		H 87.7°
Total length (mm)	27.0		V 48.0°

BOARD TYPE

406200K-1.3MP		Focal Length	4.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	7.2		1/2"
		Lens construction	6/6	Angular Field Of View	D 125°
		Sensing Area	1/2"		H 103°
		Total length (mm)	31.1		V 78°
606200K-1.3MP		Focal Length	6.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	7.2		1/2"
		Lens construction	6/6	Angular Field Of View	D 85°
		Sensing Area	1/2"		H 68°
		Total length (mm)	32.0		V 51°
806200K-1.3MP		Focal Length	8.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	8.9		1/2"
		Lens construction	6/6	Angular Field Of View	D 56.6°
		Sensing Area	1/2"		H 45.6°
		Total length (mm)	26.2		V 35.0°
1206200K-1.3MP		Focal Length	12.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	7.2		1/2"
		Lens construction	6/6	Angular Field Of View	D 42.7°
		Sensing Area	1/2"		H 32.8°
		Total length (mm)	31.2		V 26.1°

CS-MOUNT TYPE

406200CS-1.3MP		Focal Length	4.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	12.5		1/2"
		Lens construction	6/6	Angular Field Of View	D 118.2°
		Sensing Area	1/2"		H 95.0°
		MOUNT TYPE	CS		V 71.6°
606200CS-1.3MP		Focal Length	6.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	12.5		1/2"
		Lens construction	6/6	Angular Field Of View	D 78.5°
		Sensing Area	1/2"		H 62.2°
		MOUNT TYPE	CS		V 47.2°
806200CS-1.3MP		Focal Length	8.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	12.5		1/2"
		Lens construction	6/6	Angular Field Of View	D 56.6°
		Sensing Area	1/2"		H 45.6°
		MOUNT TYPE	CS		V 35.0°
1206200CS-1.3MP		Focal Length	12.0MM	Maximum relative (F) aperture	F2.0
		Mechanical back (mm)	12.5		1/2"
		Lens construction	6/6	Angular Field Of View	D 39.1°
		Sensing Area	1/2"		H 30.7°
		MOUNT TYPE	CS		V 22.9°

Mono - focal Lens



DC TYPE

DC306160S-IR		Focal Length	3.0MM	Maximum relative (F) aperture	F1.6
		Mechanical back (mm)	5.4	IRIS	DC IRIS
		Lens construction	6/6	Angular Field Of View	D 126.4°
		Sensing Area	1/3"		H 93.6°
		Total length (mm)	30.1		V 67.8°
DC435180S-IR		Focal Length	4.3MM	Maximum relative (F) aperture	F1.8
		Mechanical back (mm)	6.3	IRIS	DC IRIS
		Lens construction	5/5	Angular Field Of View	D 85.4°
		Sensing Area	1/3"		H 69.2°
		Total length (mm)	29.7		V 50.0°
DC605180S-IR		Focal Length	6.0MM	Maximum relative (F) aperture	F1.8
		Mechanical back (mm)	3.6	IRIS	DC IRIS
		Lens construction	5/5	Angular Field Of View	D 59.7°
		Sensing Area	1/3"		H 47.1°
		Total length (mm)	29.1		V 35.0°
DC1204180S-IR		Focal Length	12.0MM	Maximum relative (F) aperture	F1.8
		Mechanical back (mm)	3.6	IRIS	DC IRIS
		Lens construction	4/4	Angular Field Of View	D 28.9°
		Sensing Area	1/3"		H 23.1°
		Total length (mm)	29.3		V 17.3°

D/N TYPE

DN306160S-IR		Focal Length	3.0MM	Maximum relative (F) aperture	F1.6
		Mechanical back (mm)	5.4	IRIS	DN IRIS
		Lens construction	6/6	Angular Field Of View	D 126.4°
		Sensing Area	1/3"		H 93.6°
		Total length (mm)	30.1		V 67.8°
DN435180S-IR		Focal Length	4.3MM	Maximum relative (F) aperture	F1.8
		Mechanical back (mm)	6.3	IRIS	DN IRIS
		Lens construction	5/5	Angular Field Of View	D 85.4°
		Sensing Area	1/3"		H 69.2°
		Total length (mm)	29.7		V 50.0°
DN605180S-IR		Focal Length	6.0MM	Maximum relative (F) aperture	F1.8
		Mechanical back (mm)	3.6	IRIS	DN IRIS
		Lens construction	5/5	Angular Field Of View	D 59.7°
		Sensing Area	1/3"		H 47.1°
		Total length (mm)	29.1		V 35.0°
DN1204180S-IR		Focal Length	12.0MM	Maximum relative (F) aperture	F1.8
		Mechanical back (mm)	3.6	IRIS	DN IRIS
		Lens construction	4/4	Angular Field Of View	D 28.9°
		Sensing Area	1/3"		H 23.1°
		Total length (mm)	29.3		V 17.3°

“DC, D/N Mono-focal Lens”

These lenses are designed for $\Phi 60$ Mini Dome camera under 30mm TTL (Total Track Length)



Mono - focal Lens



Automotive Lens (Rear view & Waterproof Type)

Automotive Lens (Rear view & Waterproof Type)

NEW		Focal Length	1.9MM	Maximum relative (F) aperture	F1.2	
		Mechanical back (mm)	2.0	Angular Field Of View	1/3"	1/4"CCD
		Lens construction	1ASP GLASS/4G		D	140.0°
		Sensing Area	1/3.8"CMOS		H	108.0°
		Total length (mm)	13.0		V	83.0°
NEW 2Mega		Focal Length	2.1MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	1.9	Angular Field Of View	1/3"	1/4"
		Lens construction	1ASP GLASS/SG		D	163.9°
		Sensing Area	1/3"CCD		H	131°
		Total length (mm)	12.1		V	98.7°
NEW 2Mega		Focal Length	2.3MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	2.0	Angular Field Of View	1/2.7"CMOS	1/4"
		Lens construction	1ASP GLASS/5G		D	159.1°
		Sensing Area	1/2.7"CMOS		H	139.4°
		Total length (mm)	12.3		V	79.3°
NEW		Focal Length	2.7MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	3.2	Angular Field Of View	1/3"CCD	PC1089K
		Lens construction	5/5		D	166.1°
		Sensing Area	1/3"CCD & PC1089K		H	115.6°
		Total length (mm)	12.9		V	82.1°
		Focal Length	1.5MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	2.0	Angular Field Of View	1/3"	1/4"CCD
		Lens construction	1ASP/5G		D	163.0°
		Sensing Area	1/4"CCD		H	130.0°
		Total length (mm)	11.0		V	100.9°
		Focal Length	1.8MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.0	Angular Field Of View	1/3"	1/4"
		Lens construction	1ASP/5G		D	160.0°
		Sensing Area	1/4"CCD		H	120.0°
		Total length (mm)	12.5		V	90.0°
		Focal Length	1.9MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	4.2	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	150.0°
		Sensing Area	1/4"CCD		H	120.0°
		Total length (mm)	19.7		V	90.0°
		Focal Length	2.0MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.3	Angular Field Of View	1/3"	OV7950
		Lens construction	1ASP/5G		D	160.0°
		Sensing Area	1/4"CMOS(OV7950)		H	121.0°
		Total length (mm)	13.0		V	90.0°
		Focal Length	2.2MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	2.6	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	156.0°
		Sensing Area	1/4"CCD		H	108.0°
		Total length (mm)	16.0		V	78.0°
		Focal Length	2.3MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.6	Angular Field Of View	1/3"	OV7949NTSC
		Lens construction	1ASP/5G		D	168.5°
		Sensing Area	1/3"CCD & OV7949NTSC		H	125.1°
		Total length (mm)	13.8		V	91.0°
		Focal Length	2.3MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.6	Angular Field Of View	1/3"	OV7950
		Lens construction	1ASP/5G		D	156.0°
		Sensing Area	OV7950		H	109°
		Total length (mm)	16.1		V	78.7°

Automotive Lens (Black Box Type)



NEW 195120BX-KTG(M8)		Focal Length	1.9MM	Maximum relative (F) aperture	F1.2	
		Mechanical back (mm)	2.0	Angular Field Of View	1/3"	1/4" CCD
		Lens construction	1ASP GLASS/4G		D	140.0°
		Sensing Area	1/3.8" CMOS		H	108.0°
		Total length (mm)	13.0		V	83.0°
NEW 13M216190BX-BIF(M8)		Focal Length	2.1MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	1.9	Angular Field Of View	1/3"	1/4"
		Lens construction	1ASP GLASS/5G		D	163.9°
		Sensing Area	1/3" CCD		H	131.0°
		Total length (mm)	12.1		V	98.7°
NEW 13M216190BXD-BIF(M8)		Focal Length	2.1MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	1.9	Angular Field Of View	1/3"	MT9P031
		Lens construction	1ASP GLASS/5G		D	163.9°
		Sensing Area	1/3" CCD & MT9P031(1920 X 1080)		H	131.0°
		Total length (mm)	12.3		V	98.7°
NEW 27M236200BX-BIF(M8)		Focal Length	2.3MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	2.0	Angular Field Of View	1/2.7" CMOS	1/4"
		Lens construction	1ASP GLASS/5G		D	159.1°
		Sensing Area	1/2.7" CMOS		H	139.4°
		Total length (mm)	12.3		V	79.3°
126190BX-KTG(M8)		Focal Length	1.2MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	1.3	Angular Field Of View	1/3"	OV2650/55
		Lens construction	1ASP/5G		D	168.7°
		Sensing Area	1/5" CMOS (OV2650/55)		H	130.9°
		Total length (mm)	11.1		V	97.0°
156190BX(M8)		Focal Length	1.5MM	Maximum relative (F) aperture	F1.9	
		Mechanical back (mm)	2.0	Angular Field Of View	1/3"	1/4"
		Lens construction	1ASP/5G		D	163.0°
		Sensing Area	1/4" CCD		H	130.0°
		Total length (mm)	11.0		V	100.9°
206250BX-KTG(M8)		Focal Length	2.0MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.3	Angular Field Of View	1/4"	OV7950
		Lens construction	1ASP/5G		D	129.9°
		Sensing Area	1/4" CMOS (OV7950)		H	100.4°
		Total length (mm)	13.0		V	74.1°
216250BX-KTG(M8)		Focal Length	2.1MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	2.4	Angular Field Of View	1/3"	1/4"
		Lens construction	1ASP/5G		D	121.7°
		Sensing Area	1/4" CCD		H	97.4°
		Total length (mm)	11.9		V	73.2°

Automotive Lens (Black Box Type)

All Around View System Lens

127200WP-BIF & 127200FT-BIF		Focal Length	1.2MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	2.4	Angular Field Of View	OV9715	1/4" CCD
		Lens construction	7/7		D	192°
		Sensing Area	OV9715		H	175°
		Total length (mm)	18.0		V	114°



Fixed focal Lens

Fixed focal Lens

1685250FT		Focal Length	1.68MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	3.3	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	170.0°
		Sensing Area	1/4"		H	132.9°
		Total length (mm)	18.4		V	101.1°
195200FT		Focal Length	1.9MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	4.4	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	150.0°
		Sensing Area	1/4"		H	118.1°
		Total length (mm)	19.4		V	90.8°
216250K		Focal Length	2.1MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	4.8	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	155.0°
		Sensing Area	1/3" & 1/4"		H	131.0°
		Total length (mm)	24.2		V	101.0°
226250FT		Focal Length	2.2MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	3.7	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	170.0°
		Sensing Area	1/3" & 1/4"		H	131°
		Total length (mm)	22.8		V	96°
256250K		Focal Length	2.5MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	4.4	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	143.3°
		Sensing Area	1/3" & 1/4"		H	115.8°
		Total length (mm)	24.7		V	85.8°
256250KC		Focal Length	2.5MM	Maximum relative (F) aperture	F2.5	
		Mechanical back (mm)	6.1	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	153.9°
		Sensing Area	1/3" & 1/4"		H	115.9°
		Total length (mm)	21.7		V	85.7°
296200K		Focal Length	2.9MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.2	Angular Field Of View	1/3"	1/4"
		Lens construction	6/6		D	129.0°
		Sensing Area	1/3" & 1/4"		H	94.2°
		Total length (mm)	23.0		V	69.9°
304200K		Focal Length	3.0MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.3	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	126.0°
		Sensing Area	1/3" & 1/4"		H	97.8°
		Total length (mm)	20.6		V	70.2°
364200K		Focal Length	3.6MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	4.7	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	104.0°
		Sensing Area	1/3" & 1/4"		H	78.6°
		Total length (mm)	20.6		V	59.3°
365140K		Focal Length	3.6MM	Maximum relative (F) aperture	F1.4	
		Mechanical back (mm)	5.1	Angular Field Of View	1/3"	1/4"
		Lens construction	5/5		D	110.0°
		Sensing Area	1/3" & 1/4"		H	83.2°
		Total length (mm)	24.6		V	61.6°
374200CK		Focal Length	3.7MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.6	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	97.7°
		Sensing Area	1/3" & 1/4"		H	76.1°
		Total length (mm)	19.6		V	56.5°
404200K		Focal Length	4.0MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.5	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	98.0°
		Sensing Area	1/3" & 1/4"		H	70.1°
		Total length (mm)	21.2		V	52.0°
434200K		Focal Length	4.3MM	Maximum relative (F) aperture	F2.0	
		Mechanical back (mm)	5.9	Angular Field Of View	1/3"	1/4"
		Lens construction	4/4		D	85.0°
		Sensing Area	1/3" & 1/4"		H	65.7°
		Total length (mm)	21.6		V	48.6°



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