



NAOTECH






2020 Product List

ADVANCED OPTICAL LENS for AUTOMOTIVE / TOF / IOT CAMERA etc



1. Mega pixel (1/2.56"~)








	Application	Model	Focal Length	F No.	Con-struction	Mount	T.T.L	Image Sensor		F.O.V			Data Sheet
										D	H	V	
1/2.56"	*ADAS/LDWS	NL6015NF(1M)	6.01	1.8	5G	M12 X 0.5P	24.20	1/2.56"	OV10642 (1280X1080)	69.2	52.2	43.8	 NL6015NF
	CCTV/IP CAM	NL3665NF15(2M)	3.66	2.3	5G	M12 X 0.5P	19.68	1/2.7"	AR0237	116.6	97.7	51.8	 NL3665NF15
								1/2.8"	IMX307/327	111.4	93.8	50.0	
Dash CAM	NL3355SF15(2M)	3.32	2.1	5G	M12 X 0.5P	16.92	1/2.8"	IMX307/327	127.2	105.6	55.5	 NL3355SF15	
							1/2.9"	IMX323	121.0	101.1	53.5		
1/2.7"~	*ADAS/LDWS	NL435QF(2M)	4.31	2.1	5G	M12 X 0.5P	19.84	1/2.7"	AR0237	91.6	78.9	43.5	 NL435QF
								1/2.9"	IMX323	85.0	73.4	40.6	
	*ADAS/LDWS	NL465SF(2M)	4.68	2.2	5G	M12 X 0.5P	21.10	1/3"	IMX224/225 (1280X960)	82.5	65.1	48.4	 NL465SF
1/2.7"								AR0237	82.5	71.5	39.8		
1/2.9"								IMX323	76.7	66.6	37.2		
								1/3"	IMX224/225 (1280X960)	74.6	59.3	44.3	

* ADAS : Advanced Driver Assistance System / * LDWS : Lane Departure Warning System

2. Mega pixel (1/2.9"~1/3.2")









	Application	Model	Focal Length	F No.	Con-struction	Mount	T.T.L	Image Sensor		F.O.V			Data Sheet
										D	H	V	
1/2.9"~	Dash CAM	NL3015CHF(2M)	3.00	2.1	5G	M12 X 0.5P	16.59	1/2.9"	IMX323	145.1	116.3	59.6	 NL3015CHF
								1/3"	IMX224/225 (1280X960)	137.8	100.3	71.9	
	Dash CAM	NL3205NF15(2M)	3.24	2.3	5G	M12 X 0.5P	17.60	1/2.9"	IMX323	125.9	104.5	54.8	 NL3205NF15
								1/3"	IMX224/225 (1280X960)	121.0	91.0	66.0	
	CCTV/IP CAM	NL344TSI(1M)	3.42	2.0	4G	M12 X 0.5P	20.79	1/2.9"	PO3100	117.9	98.9	51.9	 NL344TSI
								1/3"	IMX224/225 (1280X960)	113.6	86.4	62.6	
1/3.2"~	*AVM/Dash CAM	NL234NF(1M)	2.32	2.3	4G	M12 X 0.5P	17.38	1/3.2"	ISX017 (1280X960)	170.7	123.7	87.9	 NL234NF
								1/3.6"	OV7955/7957 (640X480)	135.4	102.4	74.1	
								1/4"	ISX019 (1280X960)	129.4	98.4	71.4	
	Dash CAM	NL2754SF(1M)	2.75	2.3	4G	M12 X 0.5P	17.61	1/3.6"	OV7955/7957 (640X480)	106.0	83.0	61.2	 NL2754SF
								1/4"	ISX019 (1280X960)	102.1	80.0	59.1	

* AVM : Around View Monitoring

3. VGA~Mega pixel (1/4")







	Application	Model	Focal Length	F No.	Con-struction	Mount	T.T.L	Image Sensor		F.O.V			Data Sheet
										D	H	V	
1/4"	Dash CAM	NL205QF1(1M)	2.14	2.0	5G	M12 X 0.5P	16.69	1/4"	OV9715 (1280X800)	153.9	117.6	67.2	 NL205QF1
								1/4"	ISX016 (1280X960)	150.5	107.2	76.2	
	Dash CAM	NL264TWF(1M)	2.65	2.1	4G	M12 X 0.5P	20.46	1/4"	OV9715 (1280X800)	116.1	92.8	53.9	 NL264TWF
								1/4"	ISX016 (1280X960)	114.3	85.2	61.0	
	*DSM/Dash CAM	NL196QF(2M)	1.99	3.2	6G	M8 X 0.35P	13.20	1/4"	ISX016 (1280X960)	137.3	107.1	79.1	 NL196QF
	*AVM/Dash CAM	RD1856MCF(1M)	1.85	3.2	6G	M9 X 0.5P	13.45	1/4"	ISX016 (1280X960)	166.5	120.9	86.9	 RD1856MCF
	*AVM	NL1566MCF	1.68	3.4	6G	M9 X 0.5P	12.01	1/4"	ASX340 (640X480)	160.8	126.4	93.9	 NL1566MCF
E-mirror	NL325QF	3.22	1.9	5G	M12 X 0.5P	17.37	1/4"	ASX340 (640X480)	89.4	67.9	49.4	 NL325QF	

* DSM : Driver Status Monitoring / * AVM : Around View Monitoring

4. *TOF(Time of Flight) Lens (1/3"~)



	Model	Focal Length	F No.	Con-struction	Mount	T.T.L	Image Sensor		F.O.V			Data Sheet
									D	H	V	
1/3"~	NL283D (850nm / 940nm filter available)	2.78	1.2	1G+2P	M12 X 0.5P	24.51	1/3"	MLX75023(320X240)	165.9	112.4	78.9	 RD283D
								OPT8241(320X240)				
		1/6"	OPT8320(80X60)	64.4	50.7	37.6						
	NL333D (850nm / 940nm filter available)	3.33	1.1	1G+2P	M12 X 0.5P	30.35	1/3"	MLX75023(320X240)	117.6	89.1	64.6	 NL333D
								OPT8241(320X240)				
		1/6"	OPT8320(80X60)	53.1	42.1	31.4						
	NL393D (850nm / 940nm filter available)	3.90	1.1	1G+2P	M12 X 0.5P	30.78	1/3"	MLX75023(320X240)	94.8	73.8	54.3	 NL393D
								OPT8241(320X240)				
	1/6"	OPT8320(80X60)	44.9	35.7	26.7							
NL493D (850nm / 940nm filter available)	4.90	1.1	1G+2P	M12 X 0.5P	28.03	1/3"	MLX75023(320X240)	73.5	57.3	42.3	 NL493D	
							OPT8241(320X240)					
	1/6"	OPT8320(80X60)	35.0	27.8	20.8							

* Application : 3D Depth Camera (ToF Camera), VR/AR, Robot, Gesture Recognition, IoT (Internet of Things), People Counting Camera etc.

5. * ToF Lens & Automotive Lens



1) TOF Lens

	Model	Focal Length	F No.	Con-struction	Mount	T.T.L	Image Sensor		F.O.V			Data Sheet
									D	H	V	
1/2"~	NL3605GMF (850nm / 940nm filter available)	3.60	1.2	2GM+3G	M12 X 0.5P	19.58	1/2"	IMX456/556(640X480) MLX75027(640X480)	150.9	109.4	78.7	 RD3605GMF 940_1B
							1/3"	MLX75023(320X240)	101.2	78.7	57.9	
	ML7767SF	7.76	1.2	7G	M12 X 0.5P	23.75	1/2"	MLX75027(640X480)	60.0	48.0	36.0	

2) Automotive Lens

	Application	Model	Focal Length	F No.	Con-struction	Mount	T.T.L	Image Sensor		F.O.V			Data Sheet
										D	H	V	
1/2.7"	Dash CAM	RD3335SF	3.33	2.3	5G	M12 X 0.5P	17.48	1/2.7"	IMX390	139.1	111.9	57.4	 RD3335SF
								1/2.8"	IMX307/327	130.9	106.9	55.4	
								1/2.9"	IMX323	123.6	102.1	53.4	
1/2.8"	ADAS/E-mirror	RD555NF	5.55	2.0	3G+2P	M10 X 0.35P	20.07	1/2.8"	IMX290	64.6	56.6	32.2	 RD555NF
								1/3.2"	ISX017 (1280X960)	56.7	45.7	34.4	



Automotive Lens · T.O.F Lens
Safety & Security Lens · Drone Lens

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