

Application	Sunex PN	Sunex Technology	Structure	Image circle (mm)	Effective Focal Length (mm)	Relative Aperture (F/#, F-nbr)	Maximum FOV (degrees)	Chief Ray Angle, max (degrees)	Optical Total Track Length (mm)	Barrel Thread, min	Typical sensor for application	HFOV on Sensor
Camera Monitor System [CMS] Electronic Mirror	DSL311		5G	6.0	2.5	2.8	151	20	22.0	M12	OV10635	130
	DSL202		4G	6.0	3.9	2.6	96	15	20.4	M12	AR0132/135	74
	DSL313	Tailored Distortion, NoGhost	6G	6.4	4.0	2.0	100	14	18.4	M12	OV10635	82
	DSL958	NoGhost	5G	6.0	4.6	1.7	76	15	21.0	M12	AR0132/135	60
	DSL988	NoGhost	5G	6.0	5.4	1.6	66	14	19.7	M10	AR0132/135	52
	DSL998	NoGhost	5G	7.0	5.2	1.8	80	15	17.0	M10	OV10640	60
	DSL978	NoGhost	5G	6.0	5.9	1.6	70	16	21.0	M10	OV10635	52
	DSL947		5G	6.0	6.1	1.6	59	19	12.0	M8	MT9V024	44
	DSL987	NoGhost	5G	7.0	6.2	1.8	66	21	12.0	M10	OV10640	50
	DSL957	NoGhost	5G	7.0	7.7	1.8	52	19	15.0	M12	OV10640	40
	DSL977	NoGhost	5G	7.0	7.7	1.8	52	19	15.0	M12	OV10640	40
Driver Monitor System	DSL235	Near-IR with bandpass	4G1P	6.0	3.0	3.2	160	23	15.0	M8	AR0132/135	104
	DSL871	Near-IR with bandpass	2G2P	5.6	5.1	2.8	57	20	7.0	M8	AR0132/135	50
	DSL829	Near-IR with bandpass	4G	6.0	5.9	3.0	53	18	8.8	M7	AR0132/135	44
	DSL849	Near-IR with bandpass	5G	5.6	5.9	2.0	49	17	9.2	M8	MT9V024	42
	DSL944	Near-IR with bandpass	5G	7.2	7.5	2.8	55	17	11.3	M8	AR0132/135	36
Forward Sensing	DSL377		4G2P	7.6	2.5	2.8	134	14	30.0	M12	AR0132/135	96
	DSL202		4G	6.0	3.9	2.6	96	15	20.4	M12	AR0132/135	74
	DSL958	NoGhost	5G	6.0	4.6	1.7	76	15	21.0	M12	MT9V024	57
	DSL988	NoGhost	5G	6.0	5.4	1.6	66	14	19.7	M10	AR0132/135	52
	DSL946		5G	5.6	5.7	1.6	55	16	10.5	M12	MT9V024	45
	DSL849		5G	5.6	5.9	2.0	49	17	9.2	M8	MT9V024	42
	DSL978	NoGhost	5G	6.0	5.9	1.6	70	16	21.0	M10	OV10640	52
	DSL978	NoGhost	5G	6.0	5.9	1.6	70	16	21.0	M10	AR0132/135	46
DSL947		5G	6.0	6.1	1.6	59	19	12.0	M8	MT9V024	44	
Rear View	DSL236	Tailored Distortion	4G2P	4.5	1.2	2.0	164	11	23.0	M12	AR0140	145
	DSL269	Tailored Distortion, NoGhost	4G2P	4.9	1.3	2.2	180	15	17.0	M12	OV7955	153
	DSL286	Tailored Distortion, NoGhost	2G3P	4.8	1.4	2.2	180	15	22.0	M12	OV7955	150
	DSL231		6G	4.5	1.7	2.0	170	10	18.7	M12	MT9V126	131
	DSL209		6G	4.8	1.7	2.0	162	15	20.2	M12	OV7955	139
Surround View	DSL257	Tailored Distortion, NoGhost	4G2P	3.6	1.0	2.0	200	3	17.0	M12	AR0140	200
	DSL257	Tailored Distortion, NoGhost	4G2P	3.6	1.0	2.0	200	3	17.0	M12	OV9716	185
	DSL218		6G	3.3	1.2	2.0	180	4	18.0	M12	AR0331	180
	DSL297	Tailored Distortion, NoGhost	4G2P	4.8	1.3	2.2	190	15	16.5	M12	AR0132/135	190
	DSL216		6G	3.6	1.3	2.0	187	6	18.0	M12	AR0140	187
	DSL217		4G2P	3.8	1.3	1.8	185	18	18.0	M12	OV7955	185
	DSL267	Tailored Distortion	4G2P	5.4	1.4	2.2	194	15	17.0	M12	OV10640	194
	DSL215		6G	4.7	1.6	2.0	185	13	20.7	M12	AR0132/135	185
	DSL239	Tailored Distortion, NoGhost	6G	5.2	1.8	2.4	186	12	27.0	M12	OV2775	185
	DSL239	Tailored Distortion, NoGhost	6G	5.2	1.8	2.4	186	12	27.0	M12	AR0231	182
	DSL239	Tailored Distortion, NoGhost	6G	5.2	1.8	2.4	186	12	27.0	M12	IMX290	185
DSL219		6G	5.2	1.8	2.0	180	15.5	27.2	M12	OV10640	180	
Time of Flight	DSL235	Near-IR with bandpass	4GG1P	6.0	3.0	3.2	160	23	15.0	M8	MLX75023	106
	DSL958	Near-IR with bandpass	5G	6.0	4.6	1.7	76	15	21.0	M12	MLX75023	60
	DSL946	Near-IR with bandpass	5G	5.6	5.7	1.6	55	16	10.5	M12	MLX75023	46
	DSL821	Near-IR with bandpass	4G	6.0	6.0	2.8	55	9	19.2	M12	MLX75023	52
	DSL947	Near-IR with bandpass	5G	6.0	6.1	1.6	59	19	12.0	M8	MLX75023	56