

Distance between video camera and subject area												
Lens Focal Length MM	1.52 meters (5 feet)		3.05 meters (10 feet)		4.57 meters (15 feet)		7.62 meters (25 feet)		15.24 meters (50 feet)		30.48 meters (100 feet)	
	Horizontal F.O.V.	Vertical F.O.V.	Horizontal F.O.V.	Vertical F.O.V.	Horizontal F.O.V.	Vertical F.O.V.	Horizontal F.O.V.	Vertical F.O.V.	Horizontal F.O.V.	Vertical F.O.V.	Horizontal F.O.V.	Vertical F.O.V.
4 MM LENS4.0	2.44 m (8 ft)	1.83 m (6 ft)	4.88 m (16 ft)	3.66 m (12 ft)	7.32 m (24 ft)	5.49 m (18 ft)	12.19 m (40 ft)	9.14 m (30 ft)	24.38 m (80 ft)	18.29 m (60 ft)	48.77 m (160 ft)	36.58 m (120 ft)
AV13xx	525 pix/m		262 pix/m		175 pix/m		105 pix/m		52 pix/m		26 pix/m	
AV21xx	656 pix/m		328 pix/m		219 pix/m		131 pix/m		66 pix/m		33 pix/m	
AV31xx	840 pix/m		420 pix/m		280 pix/m		168 pix/m		84 pix/m		42 pix/m	
AV51xx	1063 pix/m		531 pix/m		354 pix/m		213 pix/m		106 pix/m		53 pix/m	
5 MM H0514-MP	1.95 m (6 ft)	1.46 m (5 ft)	3.9 m (13 ft)	2.93 m (10 ft)	5.85 m (19 ft)	4.39 m (14 ft)	9.75 m (32 ft)	7.32 m (24 ft)	19.51 m (64 ft)	14.63 m (48 ft)	39.01 m (128 ft)	29.26 m (96 ft)
AV13xx	656 pix/m		328 pix/m		219 pix/m		131 pix/m		66 pix/m		33 pix/m	
AV21xx	820 pix/m		410 pix/m		273 pix/m		164 pix/m		82 pix/m		41 pix/m	
AV31xx	1050 pix/m		525 pix/m		350 pix/m		210 pix/m		105 pix/m		52 pix/m	
AV51xx	1329 pix/m		664 pix/m		443 pix/m		266 pix/m		133 pix/m		66 pix/m	
6 MM MPL6.0	1.63 m (5 ft)	1.22 m (4 ft)	3.25 m (11 ft)	2.44 m (8 ft)	4.88 m (16 ft)	3.66 m (12 ft)	8.13 m (27 ft)	6.1 m (20 ft)	16.26 m (53 ft)	12.19 m (40 ft)	32.51 m (107 ft)	24.38 m (80 ft)
AV13xx	787 pix/m		394 pix/m		262 pix/m		157 pix/m		79 pix/m		39 pix/m	
AV21xx	984 pix/m		492 pix/m		328 pix/m		197 pix/m		98 pix/m		49 pix/m	
AV31xx	1260 pix/m		630 pix/m		420 pix/m		252 pix/m		126 pix/m		63 pix/m	
AV51xx	1594 pix/m		797 pix/m		531 pix/m		319 pix/m		159 pix/m		80 pix/m	
8 MM M0814-MP	1.22 m (4 ft)	.91 m (3 ft)	2.44 m (8 ft)	1.83 m (6 ft)	3.66 m (12 ft)	2.74 m (9 ft)	6.1 m (20 ft)	4.57 m (15 ft)	12.19 m (40 ft)	9.14 m (30 ft)	24.38 m (80 ft)	18.29 m (60 ft)
AV13xx	1050 pix/m		525 pix/m		350 pix/m		210 pix/m		105 pix/m		52 pix/m	
AV21xx	1312 pix/m		656 pix/m		437 pix/m		262 pix/m		131 pix/m		66 pix/m	
AV31xx	1680 pix/m		840 pix/m		560 pix/m		336 pix/m		168 pix/m		84 pix/m	
AV51xx	2126 pix/m		1063 pix/m		709 pix/m		425 pix/m		213 pix/m		106 pix/m	
12 MM M1214-MP	.81 m (3 ft)	.61 m (2 ft)	1.63 m (5 ft)	1.22 m (4 ft)	2.44 m (8 ft)	1.83 m (6 ft)	4.06 m (13 ft)	3.05 m (10 ft)	8.13 m (27 ft)	6.1 m (20 ft)	16.26 m (53 ft)	12.19 m (40 ft)
AV13xx	1575 pix/m		787 pix/m		525 pix/m		315 pix/m		157 pix/m		79 pix/m	
AV21xx	1969 pix/m		984 pix/m		656 pix/m		394 pix/m		197 pix/m		98 pix/m	
AV31xx	2520 pix/m		1260 pix/m		840 pix/m		504 pix/m		252 pix/m		126 pix/m	
AV51xx	3189 pix/m		1594 pix/m		1063 pix/m		638 pix/m		319 pix/m		159 pix/m	
16 MM M1614-MP	.61 m (2 ft)	.46 m (1 ft)	1.22 m (4 ft)	.91 m (3 ft)	1.83 m (6 ft)	1.37 m (4 ft)	3.05 m (10 ft)	2.29 m (7 ft)	6.1 m (20 ft)	4.57 m (15 ft)	12.19 m (40 ft)	9.14 m (30 ft)
AV13xx	2100 pix/m		1050 pix/m		700 pix/m		420 pix/m		210 pix/m		105 pix/m	
AV21xx	2625 pix/m		1312 pix/m		875 pix/m		525 pix/m		262 pix/m		131 pix/m	
AV31xx	3360 pix/m		1680 pix/m		1120 pix/m		672 pix/m		336 pix/m		168 pix/m	
AV51xx	4252 pix/m		2126 pix/m		1417 pix/m		850 pix/m		425 pix/m		213 pix/m	
25 MM M2514-MP	.39 m (1 ft)	.29 m (1 ft)	.78 m (3 ft)	.59 m (2 ft)	1.17 m (4 ft)	.88 m (3 ft)	1.95 m (6 ft)	1.46 m (5 ft)	3.9 m (13 ft)	2.93 m (10 ft)	7.8 m (26 ft)	5.85 m (19 ft)
AV13xx	3281 pix/m		1640 pix/m		1094 pix/m		656 pix/m		328 pix/m		164 pix/m	
AV21xx	4101 pix/m		2051 pix/m		1367 pix/m		820 pix/m		410 pix/m		205 pix/m	
AV31xx	5249 pix/m		2625 pix/m		1750 pix/m		1050 pix/m		525 pix/m		262 pix/m	
AV51xx	6644 pix/m		3322 pix/m		2215 pix/m		1329 pix/m		664 pix/m		332 pix/m	
50 MM M5018-MP	.2 m (1 ft)	.15 m (.5 ft)	.39 m (1 ft)	.29 m (1 ft)	.59 m (2 ft)	.44 m (1 ft)	.98 m (3 ft)	.73 m (2 ft)	1.95 m (6 ft)	1.46 m (5 ft)	3.9 m (13 ft)	2.93 m (10 ft)
AV13xx	6562 pix/m		3281 pix/m		2187 pix/m		1312 pix/m		656 pix/m		328 pix/m	
AV21xx	8202 pix/m		4101 pix/m		2734 pix/m		1640 pix/m		820 pix/m		410 pix/m	
AV31xx	10499 pix/m		5249 pix/m		3500 pix/m		2100 pix/m		1050 pix/m		525 pix/m	
AV51xx	13287 pix/m		6644 pix/m		4429 pix/m		2657 pix/m		1329 pix/m		664 pix/m	