

**Distance between video camera and subject area**

Lens Focal Length MM	5 feet (1.52 meters)		10 feet (3.05 meters)		15 feet (4.57 meters)		25 feet (7.62 meters)		50 feet (15.24 meters)		100 feet (30.48 meters)	
	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	8.0 ft (2.44 m)	6.0 ft (1.83 m)	16 ft (4.88 m)	12 ft (3.66 m)	24 ft (7.32 m)	18 ft (5.49 m)	40 ft (12.19 m)	30 ft (9.14 m)	80 ft (24.38 m)	60 ft (18.29 m)	160 ft (48.77 m)
AV13xx	160 pix/ft		80 pix/ft		53 pix/ft		32 pix/ft		16 pix/ft		8 pix/ft	
AV21xx	200 pix/ft		100 pix/ft		67 pix/ft		40 pix/ft		20 pix/ft		10 pix/ft	
AV31xx	256 pix/ft		128 pix/ft		85 pix/ft		51 pix/ft		26 pix/ft		13 pix/ft	
AV51xx	324 pix/ft		162 pix/ft		108 pix/ft		65 pix/ft		32 pix/ft		16 pix/ft	
5 MM H0514-MP	6.4 ft (1.95 m)	4.8 ft (1.46 m)	13 ft (3.9 m)	10 ft (2.93 m)	19 ft (5.85 m)	14 ft (4.39 m)	32 ft (9.75 m)	24 ft (7.32 m)	64 ft (19.51 m)	48 ft (14.63 m)	128 ft (39.01 m)	96 ft (29.26 m)
AV13xx	200 pix/ft		100 pix/ft		67 pix/ft		40 pix/ft		20 pix/ft		10 pix/ft	
AV21xx	250 pix/ft		125 pix/ft		83 pix/ft		50 pix/ft		25 pix/ft		13 pix/ft	
AV31xx	320 pix/ft		160 pix/ft		107 pix/ft		64 pix/ft		32 pix/ft		16 pix/ft	
AV51xx	405 pix/ft		203 pix/ft		135 pix/ft		81 pix/ft		41 pix/ft		20 pix/ft	
6 MM MPL6.0	5.3 ft (1.63 m)	4.0 ft (1.22 m)	11 ft (3.25 m)	8.0 ft (2.44 m)	16 ft (4.88 m)	12 ft (3.66 m)	27 ft (8.13 m)	20 ft (6.1 m)	53 ft (16.26 m)	40 ft (12.19 m)	107 ft (32.51 m)	80 ft (24.38 m)
AV13xx	240 pix/ft		120 pix/ft		80 pix/ft		48 pix/ft		24 pix/ft		12 pix/ft	
AV21xx	300 pix/ft		150 pix/ft		100 pix/ft		60 pix/ft		30 pix/ft		15 pix/ft	
AV31xx	384 pix/ft		192 pix/ft		128 pix/ft		77 pix/ft		38 pix/ft		19 pix/ft	
AV51xx	486 pix/ft		243 pix/ft		162 pix/ft		97 pix/ft		49 pix/ft		24 pix/ft	
8 MM M0814-MP	4.0 ft (1.22 m)	3.0 ft (.91 m)	8.0 ft (2.44 m)	6.0 ft (1.83 m)	12 ft (3.66 m)	9.0 ft (2.74 m)	20 ft (6.1 m)	15 ft (4.57 m)	40 ft (12.19 m)	30 ft (9.14 m)	80 ft (24.38 m)	60 ft (18.29 m)
AV13xx	320 pix/ft		160 pix/ft		107 pix/ft		64 pix/ft		32 pix/ft		16 pix/ft	
AV21xx	400 pix/ft		200 pix/ft		133 pix/ft		80 pix/ft		40 pix/ft		20 pix/ft	
AV31xx	512 pix/ft		256 pix/ft		171 pix/ft		102 pix/ft		51 pix/ft		26 pix/ft	
AV51xx	648 pix/ft		324 pix/ft		216 pix/ft		130 pix/ft		65 pix/ft		32 pix/ft	
12 MM M1214-MP	2.7 ft (.81 m)	2.0 ft (.61 m)	5.3 ft (1.63 m)	4.0 ft (1.22 m)	8.0 ft (2.44 m)	6.0 ft (1.83 m)	13 ft (4.06 m)	10 ft (3.05 m)	27 ft (8.13 m)	20 ft (6.1 m)	53 ft (16.26 m)	40 ft (12.19 m)
AV13xx	480 pix/ft		240 pix/ft		160 pix/ft		96 pix/ft		48 pix/ft		24 pix/ft	
AV21xx	600 pix/ft		300 pix/ft		200 pix/ft		120 pix/ft		60 pix/ft		30 pix/ft	
AV31xx	768 pix/ft		384 pix/ft		256 pix/ft		154 pix/ft		77 pix/ft		38 pix/ft	
AV51xx	972 pix/ft		486 pix/ft		324 pix/ft		194 pix/ft		97 pix/ft		49 pix/ft	
16 MM M1614-MP	2.0 ft (.61 m)	1.5 ft (.46 m)	4.0 ft (1.22 m)	3.0 ft (.91 m)	6.0 ft (1.83 m)	4.5 ft (1.37 m)	10 ft (3.05 m)	7.5 ft (2.29 m)	20 ft (6.1 m)	15 ft (4.57 m)	40 ft (12.19 m)	30 ft (9.14 m)
AV13xx	640 pix/ft		320 pix/ft		213 pix/ft		128 pix/ft		64 pix/ft		32 pix/ft	
AV21xx	800 pix/ft		400 pix/ft		267 pix/ft		160 pix/ft		80 pix/ft		40 pix/ft	
AV31xx	1024 pix/ft		512 pix/ft		341 pix/ft		205 pix/ft		102 pix/ft		51 pix/ft	
AV51xx	1296 pix/ft		648 pix/ft		432 pix/ft		259 pix/ft		130 pix/ft		65 pix/ft	
25 MM M2514-MP	1.3 ft (.39 m)	1.0 ft (.29 m)	2.6 ft (.78 m)	1.9 ft (.59 m)	3.8 ft (1.17 m)	2.9 ft (.88 m)	6.4 ft (1.95 m)	4.8 ft (1.46 m)	13 ft (3.9 m)	10 ft (2.93 m)	26 ft (7.8 m)	19 ft (5.85 m)
AV13xx	1000 pix/ft		500 pix/ft		333 pix/ft		200 pix/ft		100 pix/ft		50 pix/ft	
AV21xx	1250 pix/ft		625 pix/ft		417 pix/ft		250 pix/ft		125 pix/ft		63 pix/ft	
AV31xx	1600 pix/ft		800 pix/ft		533 pix/ft		320 pix/ft		160 pix/ft		80 pix/ft	
AV51xx	2026 pix/ft		1013 pix/ft		675 pix/ft		405 pix/ft		203 pix/ft		101 pix/ft	
50 MM M5018-MP	.6 ft (.2 m)	.5 ft (.15 m)	1.3 ft (.39 m)	1.0 ft (.29 m)	1.9 ft (.59 m)	1.4 ft (.44 m)	3.2 ft (.98 m)	2.4 ft (.73 m)	6.4 ft (1.95 m)	4.8 ft (1.46 m)	13 ft (3.9 m)	10 ft (2.93 m)
AV13xx	2001 pix/ft		1000 pix/ft		667 pix/ft		400 pix/ft		200 pix/ft		100 pix/ft	
AV21xx	2501 pix/ft		1250 pix/ft		834 pix/ft		500 pix/ft		250 pix/ft		125 pix/ft	
AV31xx	3201 pix/ft		1600 pix/ft		1067 pix/ft		640 pix/ft		320 pix/ft		160 pix/ft	
AV51xx	4051 pix/ft		2026 pix/ft		1350 pix/ft		810 pix/ft		405 pix/ft		203 pix/ft	