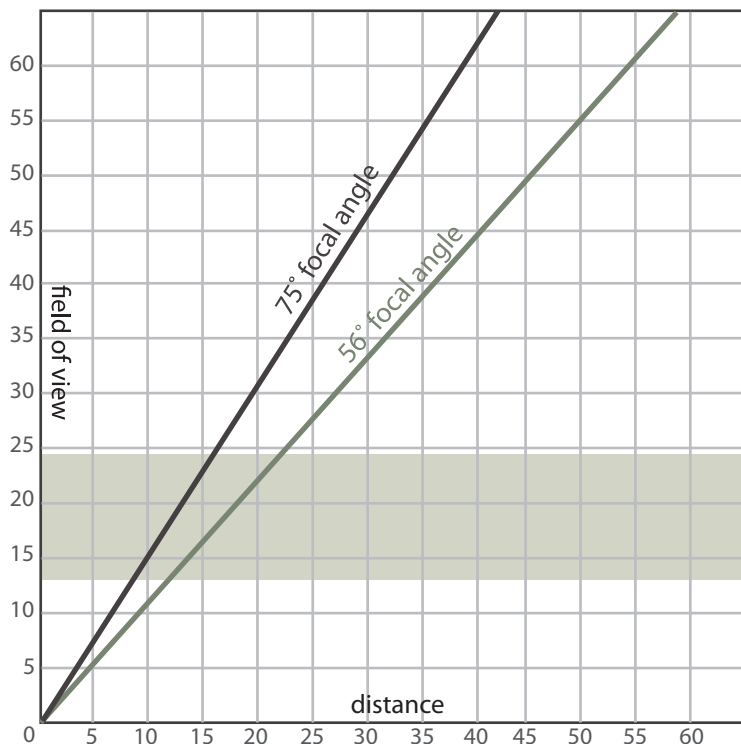
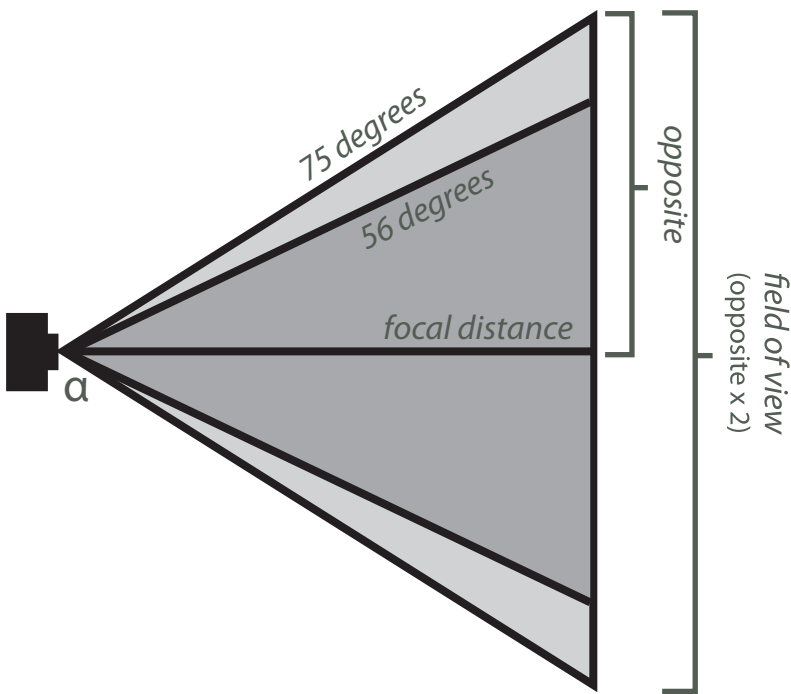


# FIELD OF VIEW FOR PS3 EYE CAMERA



$$FOV = ((\tan(a) / 2) * \text{focal distance}) \times 2$$

All measurements would be from apex of lens.

PS3 Eye lens focal angle offers zoom from 56 to 75 degrees.

focal distance	angle	$\tan(a)$	opposite	field of view
1 inch	56°	1.4823	.53 inches	1.06 inches
1 inch	75°	3.7306	.77 inches	1.54 inches
2 inches	56°	1.4823	1.06 inches	2.12 inches
2 inches	75°	3.7306	1.53 inches	3.06 inches
4 inches	56°	1.4823	2.13 inches	4.26 inches
4 inches	75°	3.7306	3.07 inches	6.14 inches
8 inches	56°	1.4823	4.25 inches	8.50 inches
8 inches	75°	3.7306	6.14 inches	12.28 inches
16 inches	56°	1.4823	8.51 inches	17.02 inches
16 inches	75°	3.7306	12.28 inches	24.58 inches
24 inches	56°	1.4823	12.76 inches	25.52 inches
24 inches	75°	3.7306	18.42 inches	36.84 inches
36 inches	56°	1.4823	19.14 inches	38.28 inches
36 inches	75°	3.7306	27.62 inches	55.24 inches