























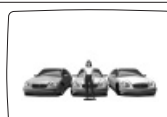

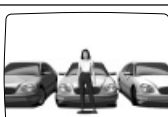
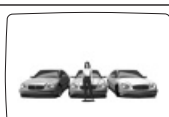

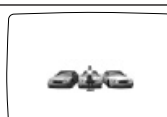







Lens Selection Chart

The examples displayed below are monitor images captured with 1/3-type cameras, illustrating the relationship between lens focal length and the capture image. Use these images to select the type of lens best suited to your application.

Lens and Focal Length		Distance between Camera and Subject					
		2 m (6.6 ft)	4 m (13.2 ft)	6 m (19.8 ft)	8 m (26.4 ft)	10 m (33 ft)	
1/3-type Lens	Standard Angle WV-LA9C3B (9 mm)	 Ratio 200% 1.1(W) x 0.8(H) m [3.6(W) x 2.6(H) ft]	 Ratio 100% 2.1(W) x 1.6(H) m [6.9(W) x 5.3(H) ft]	 Ratio 67% 3.2(W) x 2.4(H) m [10.6(W) x 7.9(H) ft]	 Ratio 50% 4.3(W) x 3.2(H) m [14.2(W) x 10.6(H) ft]	 Ratio 40% 5.3(W) x 4.0(H) m [17.5(W) x 13.2(H) ft]	
	Wide Angle WV-LA4R5C3B (4.5 mm)	 Ratio 100% 2.1(W) x 1.6(H) m [6.9(W) x 5.3(H) ft]	 Ratio 50% 4.3(W) x 3.2(H) m [14.2(W) x 10.6(H) ft]	 Ratio 33% 6.4(W) x 4.8(H) m [21.1(W) x 15.8(H) ft]	 Ratio 25% 8.5(W) x 6.4(H) m [28.1(W) x 21.1(H) ft]	 Ratio 20% 10.7(W) x 8.0(H) m [35.3(W) x 26.4(H) ft]	
	Super Wide Angle WV-LA2R8C3B (2.8 mm)	 Ratio 62% 3.4(W) x 2.6(H) m [11.2(W) x 8.6(H) ft]	 Ratio 31% 6.9(W) x 5.1(H) m [22.8(W) x 16.8(H) ft]	 Ratio 21% 10.3(W) x 7.7(H) m [34.0(W) x 25.4(H) ft]	 Ratio 16% 13.7(W) x 10.3(H) m [45.2(W) x 34.0(H) ft]	 Ratio 12% 17.1(W) x 12.9(H) m [56.4(W) x 42.6(H) ft]	
	2x Variable Focal WV-LZA61/2S (3.8 - 8 mm)	3.8 mm (wide)	 Ratio 84% 2.5(W) x 1.9(H) m [8.3(W) x 6.3(H) ft]	 Ratio 42% 5.1(W) x 3.8(H) m [16.8(W) x 12.5(H) ft]	 Ratio 28% 7.6(W) x 5.7(H) m [25.1(W) x 18.8(H) ft]	 Ratio 21% 10.1(W) x 7.6(H) m [33.3(W) x 25.1(H) ft]	 Ratio 17% 12.6(W) x 9.5(H) m [41.6(W) x 31.4(H) ft]
		8 mm (tele)	 Ratio 178% 1.2(W) x 0.9(H) m [4.0(W) x 3.0(H) ft]	 Ratio 89% 2.4(W) x 1.8(H) m [7.9(W) x 5.9(H) ft]	 Ratio 59% 3.6(W) x 2.7(H) m [11.9(W) x 8.9(H) ft]	 Ratio 44% 4.8(W) x 3.6(H) m [15.8(W) x 11.9(H) ft]	 Ratio 36% 6.0(W) x 4.5(H) m [19.8(W) x 14.9(H) ft]
	8x Variable Focal WV-LZ62/8S (5 - 40 mm)	5 mm (wide)	 Ratio 111% 1.9(W) x 1.4(H) m [6.3(W) x 4.6(H) ft]	 Ratio 56% 3.8(W) x 2.9(H) m [12.5(W) x 9.6(H) ft]	 Ratio 37% 5.8(W) x 4.3(H) m [19.1(W) x 14.2(H) ft]	 Ratio 28% 7.7(W) x 5.8(H) m [25.4(W) x 19.1(H) ft]	 Ratio 22% 9.6(W) x 7.2(H) m [31.7(W) x 23.8(H) ft]
		40 mm (tele)	 Ratio 889% 0.24(W) x 0.18(H) m [0.8(W) x 0.6(H) ft]	 Ratio 444% 0.48(W) x 0.36(H) m [1.6(W) x 1.2(H) ft]	 Ratio 296% 0.72(W) x 0.54(H) m [2.4(W) x 1.8(H) ft]	 Ratio 222% 0.96(W) x 0.72(H) m [3.2(W) x 2.4(H) ft]	 Ratio 178% 1.2(W) x 0.9(H) m [4.0(W) x 3.0(H) ft]

* Because of monitor over scan, actual images seen may differ slightly from those shown here.

** "Capture image" is the area included in the image by the camera. "Ratio" determines the proportion of this area occupied by the subject in the image that appears on the monitor (Height). If the subject fills the whole screen with the ratio set at 100%, reducing the ratio to 50% will make the subject only half as large.

* When the distance from the camera to the subject is 10 m (33 ft) or more, set both distance to subject and lens focal length to 10x.