

LCD Monitors

54.8 cm (21.6") Full HD Wide LCD Monitor

WV-LW2200

(120 V AC: NTSC, 220 V -240 V AC: PAL)

47.0 cm (18.5") HD Wide LCD Monitor

WV-LW1900

(120 V AC: NTSC, 220 V -240 V AC: PAL)

ยกเลิกการพล็อต



WV-LW2200

WV-LW1900



Power Consumption Reduction by 23 %
Annual Power Consumption 290 kWh/year
vs. 2007 model WV-LC1900 (377 kWh/year)
* 19.5 hours/24 hours in ECO mode

Power Consumption Reduction by 32 %
Annual Power Consumption 243 kWh/year
vs. 2007 model WV-LC1700 (359 kWh/year)
* 19.5 hours/24 hours in ECO mode

- Screen resolution: WV-LW2200 : 1,920 x 1,080 (Full HD) / WV-LW1900 : 1,366 x 768 (HD)
- High contrast: 1000 : 1 (typical)
- HDMI 1080p compatible
- Automatic power-save function

48.1 cm (19") SXGA LCD Monitor

WV-LC1900
(limited quantity)

(120 V AC: NTSC, 100 V -240 V AC: PAL)

ยกเลิกการพล็อต

43.2 cm (17") SXGA LCD Monitor

WV-LC1700
(limited quantity)

(120 V AC: NTSC, 100 V -240 V AC: PAL)

ยกเลิกการพล็อต



- Screen resolution: 1,280 x 1,024 (SXGA)
- Horizontal resolution: 500 TV lines
- High contrast 800 : 1
- Full color display: Approx. 16.7 million colors

Optional Accessory

Rack Mount Bracket
WQ-LM191



Lenses

1/3 type Auto Iris Lenses	Super Wide WV-LA2R8C3B 2.8 mm, F1.3	Wide WV-LA4R5C3B 4.5 mm, F1.2	Standard WV-LA9C3B 9 mm, F1.2
Focal Length	2.8 mm	4.5 mm	9 mm
Iris Type	Automatic	Automatic	Automatic
Optical Filter Size	None	None	None
Mount	Special C-Mount, (CS-Mount, 1-32UN)	Special C-Mount, (CS-Mount, 1-32UN)	Special C-Mount, (CS-Mount, 1-32UN)
Dimensions (D x H)	ø52 mm x 31.8 mm	ø52 mm x 31.8 mm	ø52 mm x 31.8 mm

1/3 type Variable Focal Lenses	2x Variable WV-LZA62/2 2.8 mm ~ 6 mm F1.4 (wide) F2.1 (tele)	2x Variable WV-LZA61/2S 3.8 mm ~ 8 mm F1.4 (wide) F1.8 (tele)	8x Variable WV-LZ62/8S 5 mm ~ 40 mm F1.6 (wide) F1.9 (tele)
Focal Length	2.8 mm ~ 6 mm	3.8 mm ~ 8 mm	5 mm ~ 40 mm
Iris Type	Automatic	Automatic	Automatic
Optical Filter Size	None	M30.5 mm, P = 0.5 mm	None
Mount	Special C-Mount	Special C-Mount, (CS-Mount, 1-32UN)	Special C-Mount, (CS-Mount, 1-32UN)
Dimensions (W x H x D)	64 mm x 60 mm x 60.9 mm	60.5 mm x 53 mm x 45.3 mm	61 mm x 52 mm x 65 mm

1/3 type Zoom Lens	15x Motorized WV-LZ61/15 6 mm ~ 90 mm, F1.6
Focal Length	6 mm ~ 90 mm (15x)
Iris Type	Automatic
Optical Filter Size	M46 mm, P = 0.75 mm
Mount	Special C-Mount, (CS-Mount, 1-32UN)
Dimensions (W x H x D)	79 mm x 67 mm x 87 mm
Focus Control	Far: 120 mA at +6 V ~ +12 V DC Near: 120 mA at -16 V ~ -12 V DC
Zoom Control	Wide: 120 mA at +6 V ~ +12 V DC Tele: 120 mA at -16 V ~ -12 V DC
Pin Configuration	1. Common 2. Not Used 3. Focus 4. Zoom

1/2 type Zoom Lens	10x Motorized WV-LZ81/10 8.0 mm ~ 80 mm, F1.4
Focal Length	8 mm ~ 80 mm (10x)
Iris Type	Automatic
Optical Filter Size	M55 mm, P = 0.75 mm
Mount	Special C-Mount, (CS-Mount, 1-32UN)
Dimensions (W x H x D)	81 mm x 66 mm x 114 mm
Focus Control	Far: 67 mA at +8 V DC Near: 35 mA at -8 V DC
Zoom Control	Wide: 28 mA at +8 V DC Tele: 28 mA at -8 V DC
Pin Configuration	1. Common 2. Not Used 3. Focus 4. Zoom

Cameras / Lenses Combination Chart

Type of Lens	Model No.	Focal Length	1/3.type CCD Cameras			1/2 type CCD Camera
			WV-SP306 / WV-SP305 / WV-SP302 / WV-NP502 / WV-NP1000 / WV-NP304	WV-NP240 / WV-CP250 / WV-CP280	WV-CP290 / WV-CP294 / WV-CP500 / WV-CP500L	WV-CL930
1/3 type ALC	WV-LA2R8C3B	2.8 mm	NO	YES	NO	NO
	WV-LA4R5C3B	4.5 mm	NO	YES	NO	NO
	WV-LA9C3B	9 mm	NO	YES	NO	NO
1/3 type ALC Variable Focal	WV-LZA62/2	2.8 mm ~ 6 mm	YES	Possible	YES	NO
	WV-LZA61/2S	3.8 mm ~ 8 mm	NO	YES	YES	NO
	WV-LZ62/8S	5 mm ~ 40 mm	NO	YES	YES	NO
1/3 type Zoom	WV-LZ61/15	6 mm ~ 90 mm	NO	YES	YES	NO
1/2 type Zoom	WV-LZ81/10	8 mm ~ 80 mm	NO	YES	YES	YES

● 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	4 m	6 m	8 m	10 m
Standard Angle WV-LA9C3B (9 mm)		 Ratio 200% 1.1(W) m x 0.8(H) m	 Ratio 100% 2.1(W) m x 1.6(H) m	 Ratio 67% 3.2(W) m x 2.4(H) m	 Ratio 50% 4.3(W) m x 3.2(H) m	 Ratio 40% 5.3(W) m x 4.0(H) m
		 Ratio 100% 2.1(W) m x 1.6(H) m	 Ratio 50% 4.3(W) m x 3.2(H) m	 Ratio 33% 6.4(W) m x 4.8(H) m	 Ratio 25% 8.5(W) m x 6.4(H) m	 Ratio 20% 10.7(W) m x 8.0(H) m
		 Ratio 62% 3.4(W) m x 2.6(H) m	 Ratio 31% 6.9(W) m x 5.1(H) m	 Ratio 21% 10.3(W) m x 7.7(H) m	 Ratio 16% 13.7(W) m x 10.3(H) m	 Ratio 12% 17.1(W) m x 12.9(H) m
2x Variable Focal WV-LZA61/2S (3.8 mm ~ 8 mm)	3.8 mm (Wide)	 Ratio 84% 2.5(W) m x 1.9(H) m	 Ratio 42% 5.1(W) m x 3.8(H) m	 Ratio 28% 7.6(W) m x 5.7(H) m	 Ratio 21% 10.1(W) m x 7.6(H) m	 Ratio 17% 12.6(W) m x 9.5(H) m
	8 mm (Standard)	 Ratio 178% 1.2(W) m x 0.9(H) m	 Ratio 89% 2.4(W) m x 1.8(H) m	 Ratio 59% 3.6(W) m x 2.7(H) m	 Ratio 44% 4.8(W) m x 3.6(H) m	 Ratio 36% 6.0(W) m x 4.5(H) m
8x Variable Focal WV-LZ62/8S (5 mm ~ 40 mm)	5 mm (Wide)	 Ratio 111% 1.9(W) m x 1.4(H) m	 Ratio 56% 3.8(W) m x 2.9(H) m	 Ratio 37% 5.8(W) m x 4.3(H) m	 Ratio 28% 7.7(W) m x 5.8(H) m	 Ratio 22% 9.6(W) m x 7.2(H) m
	40 mm (Tele)	 Ratio 889% 0.24(W) m x 0.18(H) m	 Ratio 444% 0.48(W) m x 0.36(H) m	 Ratio 296% 0.72(W) m x 0.54(H) m	 Ratio 222% 0.96(W) m x 0.72(H) m	 Ratio 178% 1.2(W) m x 0.9(H) m
2x Variable Focal WV-LZA62/2 (2.8 mm ~ 6 mm)	2.8 mm (Super Wide)	 Ratio 62% 3.4(W) m x 2.6(H) m	 Ratio 31% 6.9(W) m x 5.1(H) m	 Ratio 21% 10.3(W) m x 7.7(H) m	 Ratio 16% 13.7(W) m x 10.3(H) m	 Ratio 12% 17.1(W) m x 12.9(H) m
	6 mm (Wide)	 Ratio 133% 1.6(W) m x 1.2(H) m	 Ratio 67% 3.2(W) m x 2.4(H) m	 Ratio 44% 4.8(W) m x 3.6(H) m	 Ratio 33% 6.4(W) m x 4.8(H) m	 Ratio 27% 8.0(W) m x 6.0(H) m
15x Motorized WV-LZ61/15 (6 mm ~ 90 mm)	6 mm (Wide)	 Ratio 133% 1.6(W) m x 1.2(H) m	 Ratio 67% 3.2(W) m x 2.4(H) m	 Ratio 44% 4.8(W) m x 3.6(H) m	 Ratio 33% 6.4(W) m x 4.8(H) m	 Ratio 27% 8.0(W) m x 6.0(H) m
	90 mm (Tele)	 Ratio 2100% 0.1(W) m x 0.08(H) m	 Ratio 1000% 0.21(W) m x 0.16(H) m	 Ratio 677% 0.31(W) m x 0.24(H) m	 Ratio 500% 0.42(W) m x 0.32(H) m	 Ratio 396% 0.53(W) m x 0.4(H) m

*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 or more, set both distance to subject and lens focal length to 10x.