Specifications



31.1″ CG3146 NEW



31.1″ CG319X



27″ CG279X



24.1″ CG247X



27″ CG2730



24.1″ CG2420



27″ CS2740 NEW



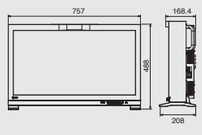
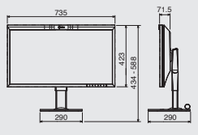
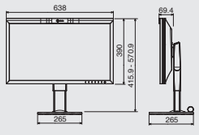
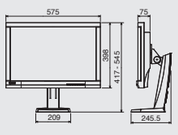
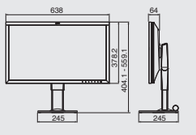
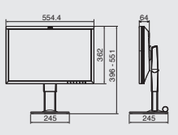
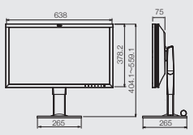
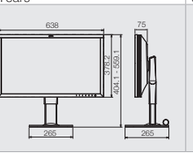
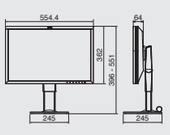
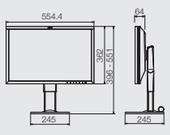
27″ CS2731



24.1″ CS2420



24.1″ CS2410

		CG Series 4K		CG Series				CS Series 4K	CS Series		
Panel	Type	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS
	Backlight	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	LED
	Size	31.1" / 78.9 cm	31.1" / 78.9 cm	27" 68.4 cm	24.1" / 61.1 cm	27" 68.5 cm	24.1" / 61.1 cm	26.9" / 68.4 cm	27" / 68.5 cm	24.1" / 61.1 cm	24.1" / 61.1 cm
	Native Resolution	4096 × 2160 (17:9 aspect ratio)	4096 × 2160 (17:9 aspect ratio)	2560 × 1440 (16:9 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	2560 × 1440 (16:9 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	3840 × 2160 (16:9 aspect ratio)	2560 × 1440 (16:9 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	1920 × 1200 (16:10 aspect ratio)
	Viewable Image Size (H x V)	698 × 368.1 mm	698.0 × 368.1 mm	596.7 × 335.7 mm	518.4 × 324 mm	596.7 × 335.7 mm	518.4 × 324 mm	596.2 × 335.3 mm	596.7 × 335.7 mm	518.4 × 324 mm	518.4 × 324 mm
	Pixel Pitch	0.170 × 0.170 mm	0.170 × 0.170 mm	0.233 x 0.233 mm	0.270 × 0.270 mm	0.233 x 0.233 mm	0.270 × 0.270 mm	0.155 × 0.155 mm	0.233 x 0.233 mm	0.270 x 0.270 mm	0.270 x 0.270 mm
	Pixel Density	149 ppi	149 ppi	109 ppi	94 ppi	109 ppi	94 ppi	164 ppi	109 ppi	94 ppi	94 ppi
	Grayscale Tones	SDI, DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand)	USB Type-C, DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	1,024 tones (a palette of 65 thousand)	USB Type-C,DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI, DVI-D: 256 tones (a palette of 65 thousand)
	Display Colors	SDI, DisplayPort, HDMI: 1.07 billion (a 24-bit palette)	DisplayPort, HDMI: 1.07 billion (a 24-bit palette)	USB Type-C, DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	1.07 billion (a palette of 278 trillion)	USB Type-C,DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI, DVI-D: 16.77 million
	Viewing Angles (H / V, typical)	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°
	Brightness (typical)	1000 cd/m²	350 cd/m²	350 cd/m²	400 cd/m²	350 cd/m²	400 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²	300 cd/m²
	Recommended Brightness for Calibration	—	—	—	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	—	—	120 cd/m² or less	—
	Contrast Ratio (typical)	1,000,000:1	1500:1	1300:1	1500:1	1500:1	1500:1	1000:1	1000:1	1000:1	1000:1
	Response Time (typical)	10 ms (gray-to-gray)	9 ms (gray-to-gray)	13 ms (gray-to-gray)	10 ms (gray-to-gray)	13 ms (gray-to-gray)	10 ms (gray-to-gray)	10 ms (gray-to-gray)	10 ms (gray-to-gray)	15 ms (gray-to-gray)	14 ms (gray-to-gray)
	Color Gamut (typical)	DCI-P3: 99%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%	Adobe RGB: 99%	Adobe RGB: 99%	sRGB: 100%
Video Signals	Input Terminals	BNC (12G/6G/3G/HD-SDI), BNC (3G/HD-SDI) × 3, DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 2.2 / 1.4)	DisplayPort × 2 (HDCP 1.3), HDMI × 2 (Deep Color, HDCP 2.2 / 1.4)	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 2.2 / 1.4)	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort(HDCP1.3), HDMI (DeepColor, HDCP1.4), DVI-D(HDCP1.4)
	Output Terminals	BNC (12G/6G/3G/HD-SDI, through-out (active)), BNC (3G/HD-SDI, through-out (active)) × 3	—	—	—	—	—	—	—	—	—
	Digital Scanning Frequency (H / V)	DisplayPort: 25 - 137 kHz / 23 - 61 Hz HDMI: 15 - 136 kHz / 23 - 61 Hz	DisplayPort: 25 - 137 kHz, 23 - 61 Hz HDMI: 15 - 136 kHz, 23 - 61 Hz	USB Type-C, DisplayPort, DVI: 26 - 89 kHz, 23 - 61 Hz HDMI: 15 - 89 kHz, 23 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 23 - 63 Hz HDMI: 15 - 78 kHz, 24 - 61 Hz	DisplayPort, DVI: 26 - 89 kHz, 23 - 61 Hz HDMI: 15 - 89 kHz, 23 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 24 - 61 Hz HDMI: 15 - 78 kHz, 24 - 61 Hz	USB Type-C, DisplayPort: 25 - 137 kHz, 23 - 61 Hz HDMI: 15 - 135 kHz, 23 - 61 Hz	USB Type-C, DisplayPort, DVI: 26 - 89 kHz, 23 - 61 Hz HDMI: 15 - 89 kHz, 23 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 24 - 61 Hz HDMI: 15 - 78 kHz, 24 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 23 - 63 Hz HDMI: 15 - 68 kHz, 23 - 63 Hz
USB	Upstream	USB 3.1 Gen 1: Type-B	USB 3.1 Gen 1: Type-B	USB 3.1 Gen 1: Type-C (DisplayPort Alt Mode, Power Delivery Source 15 W max.), Type-B	USB 2.0: Type-B x 2	USB 3.1 Gen 1: Type-B x 2	USB 3.1 Gen 1: Type-B	USB 3.1 Gen 1: Type-C (DisplayPort Alt Mode, Power Delivery Source 60 W max.), Type-B	USB 3.1 Gen 1: Type-C (DisplayPort Alt Mode, Power Delivery Source 60 W max.), Type-B	USB 3.1 Gen 1: Type-B	USB3.1 Gen 1: Type-B
	Downstream	USB 3.1 Gen 1: Type-A × 3 (Battery Charging 10.5 W max. × 1)	USB 3.1 Gen 1: Type-A × 3 (Battery Charging 10.5 W max. × 1)	USB 3.1 Gen 1: Type-A × 2 USB 2.0: Type-A × 2	USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-A × 3 (Battery Charging 10.5 W max. × 1)	USB 3.1 Gen 1: Type-A × 3 (Battery Charging 10.5 W max. × 1)	USB 3.1 Gen 1: Type-A × 2 USB 2.0: Type-A × 2	USB 3.1 Gen 1: Type-A × 2 USB 2.0: Type-A × 2	USB 3.1 Gen 1: Type-A × 3 (Battery Charging 10.5 W max. × 1)	USB3.1 Gen 1: Type-A × 3 (Battery Charging 10.5 W max. × 1)
Power	Power Requirements	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz
	Typical Power Consumption	282 W	52 W	32 W	22 W	33 W	20 W	36 W	34 W	26W	18 W
	Maximum Power Consumption	463 W	140 W	111 W	60 W	95 W	79 W	168 W	159 W	92W	57 W
	Power Save Mode	1.2 W or less	1.2 W or less	1 W or less	0.7 W or less	0.6 W or less	0.7W or less	1 W or less	1 W or less	0.7W or less	0.7 W or less
	Standby Mode	1 W or less	1.2 W or less	1 W or less	0.5 W or less	0.6 W or less	0.6W or less	1 W or less	1 W or less	0.6W or less	0.6 W or less
Built-in Calibration Sensor		Yes	Yes	Yes	Yes	Yes	Yes	—	—	—	—
Features & Functions	Brightness Stabilization	Yes	Yes	Yes	Yes	Yes	Yes	—	—	—	—
	Digital Uniformity Equalizer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Preset Modes	Color Mode (BT.2020, BT.709, DCI, PQ_BT.2100, PQ_BT.709, PQ_DCI, HLG_BT.2100, Calibration, Sync Signal)	Color Mode (BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, Calibration)	Color Mode (User, BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, REC709, EBU, SMPTE-C, DCI, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (User, Adobe RGB, sRGB, Calibration)	Color Mode (User, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, sRGB, Calibration)
	HDR Gamma	HLG, PQ curve	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	—	—	—	—	—	—
Physical Specifi-cations	Dimensions (Landscape, W x H x D)	757 x 488 x 208 mm	735 x 434 - 588 x 290 mm	638 × 415.9 - 570.9 × 265 mm	575 × 417 - 545 × 245.5 mm	638 × 404.1 - 559.1 × 245 mm	554.4 × 396 - 551 × 245 mm	638 × 404.1 - 559.1 × 265 mm	638 × 404.1 - 559.1 × 265 mm	554.4 × 396 - 551 × 245 mm	554.4 x 396-551 × 245 mm
	Dimensions (Portrait, W x H x D)	—	—	390 x 649 - 689 x 265 mm	398 × 594.5 - 642.5 × 245.5 mm	378.2 x 649 - 689 x 245 mm	362 × 565.4 - 647.2 × 245 mm	378.2 x 649 - 689 x 265 mm	378.2 x 649 - 689 x 265 mm	362 × 565.4 - 647.2 × 245 mm	362 × 565.4-647.2 × 245 mm
	Dimensions (Without Stand, W x H x D)	757 × 463 × 170 mm	735 × 423 × 71.5 mm	638 × 390 × 69.4 mm	575 × 398 × 75 mm	638 × 378.2 × 64 mm	554.4 × 362 × 64 mm	638 × 378.2 × 75 mm	638 × 378.2 × 75 mm	554.4 × 362 × 64 mm	554.4 × 362 × 64 mm
	Dimensions (Landscape with Hood, W x H x D)	778 × 498.5 × 327 mm	754.4 x 443.6 - 597.6 x 381.5 mm	657.4 x 425.6 - 580.6 x 353.5 mm	596 x 427.8 - 555.8 x 356.7 - 380 mm	657.4 x 413.8 - 568.8 x 336 mm	572.4 x 405 - 560 x 336 mm	—	—	—	—
	Net Weight	26.5 kg	12.4 kg	10.3 kg	8.9 kg	8.9 kg	7.8 kg	10.3 kg	10.1 kg	7.8 kg / 17.2 lbs	7.9 kg
	Net Weight (Without Stand)	25.2 kg	8.3 kg	6.6 kg	6.2 kg	6.1 kg	5.0 kg	6.7 kg	6.5 kg	5 kg / 11 lbs	5.1 kg
	Net Weight (With Hood)	27.4 kg	13.3 kg	11 kg	9.7 kg	9.5 kg	8.5 kg	—	—	—	—
	Height Adjustment Range	—	154 mm	155 mm	128 mm	155 mm	155 mm	155 mm	155 mm	155 mm	155 mm
	Tilt	—	35° Up, 5° Down	35° Up, 5° Down	30° Up, 0° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down
	Swivel	—	344°	344°	344°	344°	344°	344°	344°	344°	344°
	Pivot	—	—	90°	90°	90°	90°	90°	90°	90°	90°
	Hole Spacing (VESA Standard)	200 × 200 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm
Environmental Requirements	Operating Temperature	0 - 30 °C	Landscape: 0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C
	Operating Humidity (R.H., non condensing)	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics
Dedicated Software	Quick Color Match	—	—	Supported	—	Supported	Supported	Supported	Supported	Supported	Supported
	ColorNavigator 7	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Signal Cables	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), Mini DisplayPort - DisplayPort (2 m), HDMI (2 m)	USB Type-C (2 m), DisplayPort (2 m)	Mini DisplayPort - DisplayPort (2 m), DVI-D (2 m)	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)	USB Type-C (2 m), DisplayPort (2 m)	USB Type-C (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)
	Others	AC power cord, USB cable, setup guide, adjustment certificate, ScreenCleaner, monitor hood, warranty card, clamp for HDMI	AC power cord, USB cable, setup guide, adjustment certificate, ScreenCleaner, monitor hood, warranty card	AC power cord, USB cable, setup guide, adjustment certificate, ScreenCleaner, monitor hood, warranty card	AC power cord, USB cable, setup guide, adjustment certificate, ScreenCleaner, monitor hood, warranty card	AC power cord, USB cable, setup guide, adjustment certificate, ScreenCleaner, monitor hood, quick reference, warranty card	AC power cord, USB cable, setup guide, adjustment certificate, ScreenCleaner, monitor hood, quick reference, warranty card	AC power cord, USB cable, setup guide, warranty card	AC power cord, USB cable, setup guide, warranty card	AC power cord, USB cable, setup guide, quick reference, warranty card	AC power cord, USB cable, setup guide, warranty card
Warranty		5 Years [1,2,3]	5 Years [1,2,3]	5 Years [1,2,3]	5 Years [1,2,3]	5 Years [1,2,3]	5 Years [1,2,3]	5 Years [1,3]	5 Years [1,3]	5 Years [1,3]	5 Years [1,3]
Dimensions (Unit: mm)											

[1] Usage time is limited to 30,000 hours (10,000 hours for the CG3146 LCD panel).

[2] Brightness of the CG Series is warranted for up to 10,000 hours if it is used within the recommended brightness of 120 cd/m² or less and the color temperature between 5000 - 6000K.
When CG3146 is used at a color temperature of 6500K, a brightness level of at least 800 cd/m² is warranted.
When CG319X or CG279X are used at a color temperature of 5000 - 6000K, a brightness level of at least 120 cd/m² is warranted.

[3] Free from bright sub-pixels for 6 months from the date of purchase.
With current LCD technology, a panel may contain a limited number of missing or flickering pixels.