



19-inch High-Brightness Color Monitor for Accurate Image Display and Diagnosis in the Medical Environment

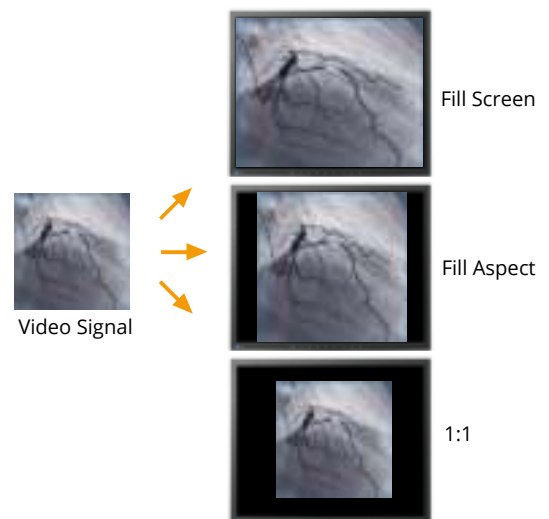
Perfect Image Reproduction

The panel technology used enables distortion-free image geometry, high contrast values, and wide viewing angles. The monitor provides flicker-free picture, even at low refresh rates for meeting even the strictest ergonomic requirements.



Display of Different Signal Resolutions

The native screen resolution is 1280 x 1024 pixels. Video signals with other resolutions, common in medical technology, are automatically adapted to the screen size. Alternatively, they can be displayed in original size (1:1).



CuratOR® LX1910

Digital and Analog Video Inputs

The monitor is connected to a digital video source using DisplayPort or DVI-I. Analog video sources can be connected via DVI-I. The monitor automatically adjusts to display the connected analog video source. Where certain signal timings prevent this, the On Screen Display (OSD) can be used to easily adjust the settings. The supplied D-Sub - DVI and BNC - D-Sub adapters allow connection to legacy analog systems.

Consistency with DICOM Part 14 Calibration

The monitor is calibrated to meet the DICOM Part 14 standard for consistent image transmission. The five default presets contain practice-based settings. They take into account the DIN 6868-157 room classes, thereby meeting current specifications for diagnostic monitors.

Fully Automated Stability

The monitor has a fully automatic stability system that guarantees fast luminance stabilization during system start and keeps the brightness consistent. A built-in backlight sensor ensures the monitor maintains its luminance over time and compensates for fluctuations in brightness that occur during operation due to different ambient temperatures.

Installation on a VESA Mount

Compliance with the VESA standard enables attachment to existing mounting accessories like ceiling suspensions or the attachment of the stand.

Easy Access to Control Buttons

The monitor's On Screen Display (OSD) is easily accessed via buttons on the front frame. This allows streamlined use when the monitor is mounted side by side to another screen, such as in a ceiling suspension. The OSD buttons can be locked to prevent accidental or unauthorized adjustment of the monitor.

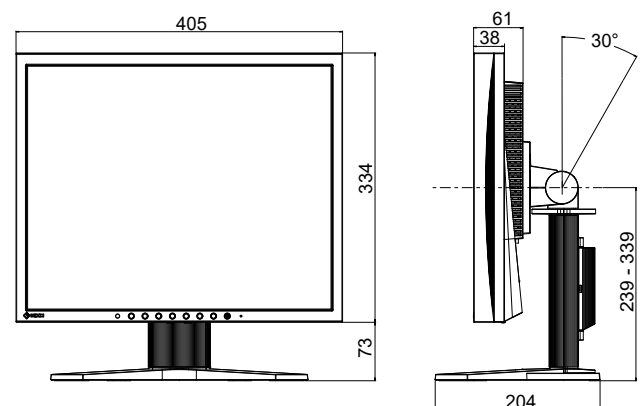
Versatile Positioning for Improved Ergonomics

EIZO's highly versatile stand offers tilt, swivel and a wide height adjustment range enabling you to use the monitor with greater comfort.

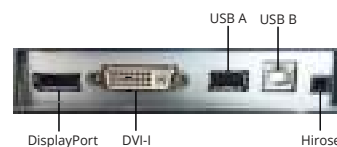
Specifications

Model Variations		LX1910: without Stand LX1910-S: with Stand
Cabinet Color		Black
Panel	Type	TFT Color-LCD Panel (IPS like)
	Backlight	LED
	Size	48.3 cm / 19"
	Native Resolution	1280 x 1024 (5:4 aspect ratio)
	Viewable Image Size (H x V)	376.32 x 301.06 mm
	Pixel Pitch	0.294 x 0.294 mm
	Display Colors	8-bit colors: 16.77 million colors
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (minimum, typical)	630 cd/m ² , 700 cd/m ²
	Recommended Brightness for Calibration	400 cd/m ²
Video Signals	Contrast Ratio (minimum, typical)	700:1, 1000:1
	Response Time (typical)	13 ms rising, 12 ms falling
	Input Terminals	DisplayPort, DVI-I (digital and analog RGBHV)
	Digital Scanning Frequency (H / V)	30 - 100 kHz / 50 - 85 Hz
USB	Analog Scanning Frequency (H / V)	30 - 100 kHz / 50 - 85 Hz
	Sync Formats	Sync Separate, Composite Sync and SoG
	Upstream	USB 2.0: Type-B (communication between monitor and connected PC)
Features & Functions	Downstream	USB 2.0: Type-A (communication with external devices)
	5 V power output, 1 A at Hirose connector, prioritised input (DVI-A) for emergency signal	
Sensor		Backlight Sensor
OSD Language		English, German
Power	Power Requirements	AC 100 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	Less than 45 W
	Power Save Mode	Less than 2 W
	Power Management	Digital: DVI DMPM Analog: VESA DPM
Environmental Requirements		IP20
Physical Specifications	Net Weight	LX1910: 4.3 kg LX1910-S: 6.1 kg
	Hole Spacing (VESA Standard)	100 x 100 mm, M4, depth 5-10 mm
Certifications & Standards (Please contact EIZO for the latest information)		CE (Medical Device), IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1, ANSI/AAMI ES60601-1, EN60601-1-2 Class B, FCC-B, RoHS, WEEE, CCC, BIS
Supplied Accessories		Adapter (D-Sub - DVI), adapter (BNC - D-Sub), Utility Disk (PDF Instructions for Use)
Order Numbers		LX1910: 6GF62102JL10 LX1910-S: 6GF62102JL01

Dimensions (mm)



Connector



You will find your EIZO contact partner at:
www.eizo-or.com/contact

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