

CX31 CX20

High-Bright Color Display Standard for Advanced Diagnostic Imaging

The CX31 and CX20 are the flagship color displays of the X-Series because they feature the cleanest, brightest, crispest and most accurate screen performance that WIDE has ever achieved. Thanks to some of the world's most innovative display technology, they provide a window into the human body. The new advanced on-board quality assurance sensor of IQ SensorRGB® technology offers the highest level of confidence in the ongoing operation of the CX31 and CX20 displays.



Specifications

CX31 54cm (21.3") 3 Mega-Pixel Color LCD Display

CX20 54cm (21.3") 2 Mega-Pixel Color LCD Display

- Ultra High Brightness - CX31: 800cd/m², CX20: 860cd/m²
- Automatic, Hands Free DICOM Calibration and Conformance with Built-In IQ Sensor® Technology
- LUC Ensures Top Luminance Uniformity across the Screen and from Edge to Edge
- On-board DisplayPort and DVI Connectivity Ensure Rapid Data Transfer and Compatibility with Legacy Systems
- SmartCare™ X-Series Display Monitor Self-Diagnostic Service Functionality
- Network Calibration and QA/QC Software Available

14-Bit Look-Up Table (LUT) Our 14-bit LUT provides the display with over a billion shades of gray for full 10-bit expression on screen, bringing you the most precise and accurate grayscale expression possible. **Pre-Calibrated Viewing Modes** The CX20 and CX31 have been optimized for various diagnostic viewing scenarios and provide preset options for DICOM Blue, DICOM White, CT/MRI, Ultrasound and User defined. Each of these modes have been pre-calibrated for luminance level, color temperature and gamma correction in accordance with the DICOM 3.14 standard. **Front Sensors for DICOM Calibration** WIDE's patented built-in IQ SensorRGB®, combined with bundled calibration software (Lumical™ Advanced), automatically calibrates the display to the DICOM 3.14 standard and offers precise RGB color measurement and calibration. Along with hands free, auto DICOM Calibration, the X-Series IQ Sensors® utilize advanced sensor technology for increased accuracy and enhanced sensitivity. **Pixel by Pixel Perfection** Achieving luminance uniformity of an LCD display can be very challenging because of its manufacturing process. However, WIDE's long engineering background and deep knowledge of LCD display technology brings LUC (Luminance Uniformity Correction) to the X-Series. LUC brings you luminance uniformity across the screen from edge to edge. LUC's user interface allows the selection of five different levels of uniformity grades further customizing our displays and meeting the demands of our Global marketplace. **Maximum Versatility** The X-Series is equipped with both DVI and DisplayPort connectivity. Providing both faster, more reliable delivery of data as well as the versatility needed to be plug and play compatible with legacy systems. **WIDE's Green Initiative** Our environmentally friendly design and manufacturing process are the cornerstones for WIDE's Green Initiative.

