

12MP

CW120N



BUILT FOR COMPLIANCE

CW120N

- Embedded IQ Sensor®
- Ambient Sensor
- Private Lite | Ambient Lite
- Self DICOM Calibration & Conformance
- Human Detector
- UI Display (3.5", 340×800)



WIDE-USA.COM
2210 E Winston Rd, Anaheim, CA 92806, USA
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Upgrade Time!!!



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Motion Sensor

Private Menu

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At WIDE, we are committed to delivering innovative solutions for healthcare professionals, and the CW120N is no exception. This 31" multimodality color display is designed to enhance diagnostic accuracy and streamline workflows for radiologists and clinicians alike.



Unmatched Visual Clarity and Performance

With a maximum brightness of 1200 cd/m² and a contrast ratio of 1500:1, the CW120N ensures crisp, vibrant visuals, allowing for precise readings across various imaging modalities. The lookup table implementation further enhances performance, providing radiologists with the color accuracy needed for confident diagnoses.



Multitasking Made Easy

One of the CW120N's standout features is its ability to accommodate two images simultaneously on a single screen. This capability eliminates the need for multiple monitors, allowing healthcare professionals to streamline their setups and improve efficiency. The product also resolves color deviation issues that often occur when using dual screens, ensuring consistent, high-quality images.



Enhanced Comfort and Eye Protection

Designed with the user in mind, the CW120N includes an ambient light sensor to adjust screen brightness based on the surrounding environment, reducing eye strain during long work hours. Additionally, a strategically placed private light below the display offers optimal illumination for typing and reading, making it easier to reference notes without disrupting focus.



Precision Diagnosis with Advanced Calibration

To ensure consistent performance, the CW120N features self calibration, conformance testing, and the innovative SBC sensor, which maintains brightness levels throughout diagnosis and treatment. The separate OSD feature gives users full control of on-screen display menus without obstructing the image, offering a seamless experience.



Energy Efficiency at Its Best

The CW120N is equipped with motion sensors that detect user presence, switching to power-saving mode when not in use and resuming normal operation when the user returns. This not only reduces energy consumption but also extends the display's lifespan. Engineered for reliability, accuracy, and convenience, the WIDE CW120N is a powerful tool for healthcare professionals looking to optimize their diagnostic workflows.

WIDE – Empowering your diagnostic precision.



Specifications

Model	CW120N
Panel	TFT AMLCD IPS Color
Native Resolution	4200(H) x 2800(V)
Pixel Pitch	0.1554mm x 0.1554mm
Active Display Area	652.68mm x 435.12mm (25.7"x17.1")
Active Screen Size	784.0mm (31.0")
Viewing Angle(Typ)	178°,178° at 10:1 Contrast Ratio
Brightness Max.(Typi)	1200cd/m²
Brightness Calibrated (Typ)	500cd/m²
Contrast Ratio (Typ)	1500:1
Bit Rate for Look-Up Table	14-bit
Digital Video Input	DisplayPort, (2x DP with single or dual input mode)
Display Communication	DDC2B (VESA Standard Compliance)
Universal Serial Bus (USB)	1 up and 2 down-streams
Power Supply	AC Input 100-240Volt±10%/60Hz/50Hz±3Hz DC Output +
Built-in Sensors	IQ Sensor®, SBC ¹ , DAC ² , Human Sensor

¹ SBC = Stabilized Brightness Circuit
² DAC = Digital-to-Analog Conversion



LUC³	Yes
Display Adjustments	Menu, Enter, Down, Up, Lamp, Power
OSD Languages	English
LED Light (AmbientLite®)	Yes
LED Light (PrivateLite®)	Yes
Power Consumption	Max: 170W, Typcal : 100W
Tilt/Swivel/Height Adjustments	-3°, +15°/±20°/110mm
Portrait/Landscape Rotation	–
Mounting Hole	VESA Standard (100mmx100mm)
Weight	20.0Kg(44.09lb) with Stand
Dimension	689.0mm(W)x647.4mm(H)x237.0mm(D)
Operational Temperature	0°C to 40°C (32°F to 104°F)
Operational Humidity	8% to 80%
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Certifications and Standards	ANSI/AAMI ES 60601-1, EN60601-1, IEC60601-1, CE, VCCI,
Screen Protection	Protective Glass

³ LUC = Luminance Uniformity Correction



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