

TOTOKU

2 Megapixel
20.1" Color Display

CCL208

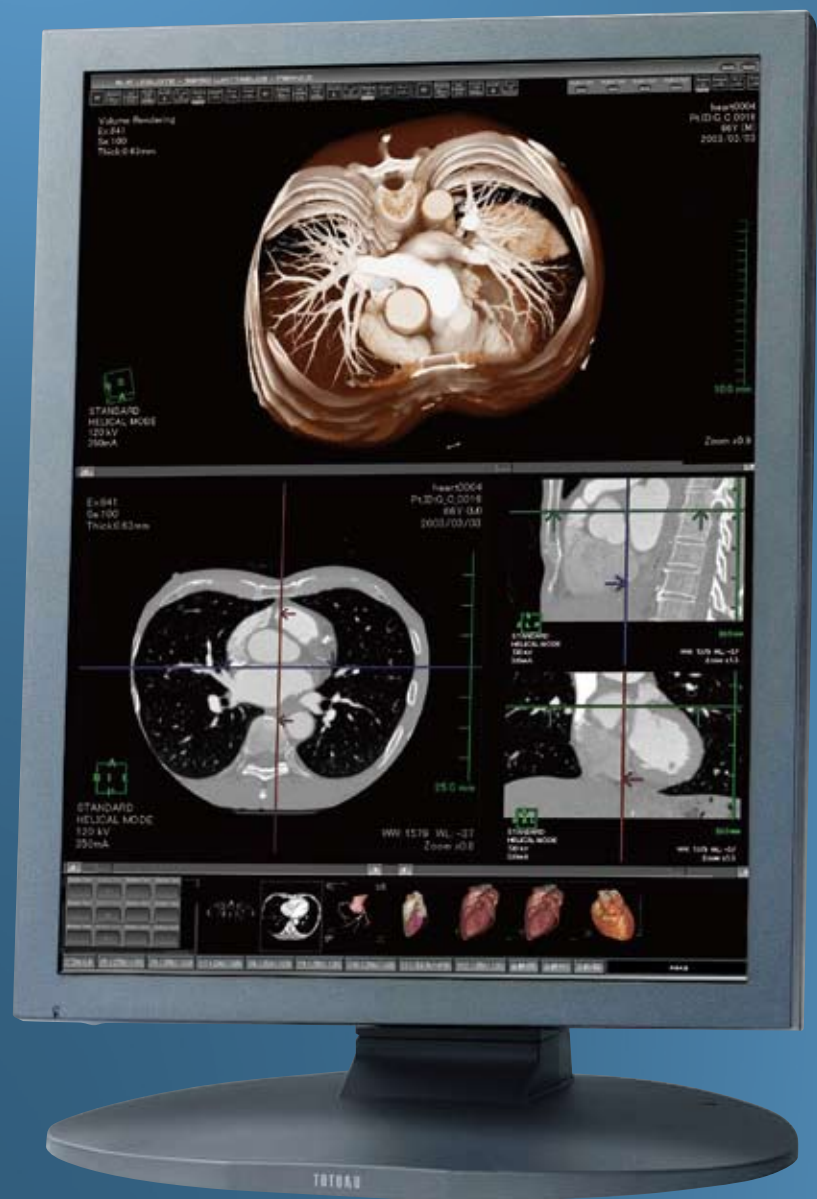
CCL Series

2MP color LCD with DICOM calibration function

NEW

High luminance, high contrast, and wide viewing angle provided by the IPS panel
Stable luminance for a long period of time with a unique built-in luminance stabilizing circuit

*Flat Display System
for Medical Imaging*



2 Megapixel
Color Display

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|-------|------------------|-------------------------------------|----------------|----------------------|-----------|-----------------------|
| 20.1" | Analog & Digital | High luminance 300cd/m ² | Contrast 800:1 | Calibration function | 10Bit LUT | Internal Power Supply |
|-------|------------------|-------------------------------------|----------------|----------------------|-----------|-----------------------|

Features :

▶ Color calibration function to reproduce colors faithful to the original and grayscale compliant with DICOM Part 14

By calibrating color temperature, luminance, and gamma characteristics, reproduction of colors faithful to the original and smooth display of grayscale are possible. (A calibration kit is required.)

▶ Built-in 10bit LUT (Look-up Table) to reproduce beautiful grayscale

The built-in LUT selects the most appropriate 256 shades of gray (8bit) out of 1021 shades (10bit) to realize finer and smoother grayscale.

▶ Luminance stabilizing system λ-Sentinel for stable display of medical images

Automatically corrects and luminance fluctuation due to startup drift, temperature change, and aging to provide stable luminance.

▶ High image quality provided by the IPS panel

The IPS panel is effective in preventing color and contrast changes caused by different viewing angles.

▶ Worldwide medical safety standards

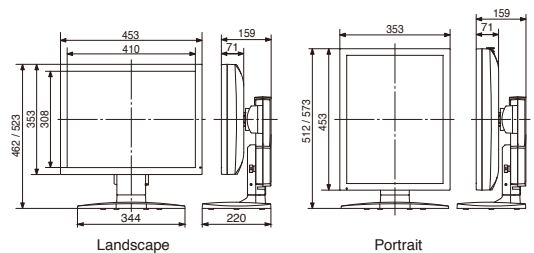
This display is certified under various medical safety standards that are much more demanding than those for general-purpose IT equipment.

▶ Medivisor Series software (Optional)

The Medivisor Series software offers collective support for display quality control and delivers high-quality and stable medical images while realizing reduction in display quality management costs.

Specifications

| Model Name | CCL208 | |
|--------------------------|---|---|
| LCD Panel | Technology | 20.1-inch Active Matrix IPS Technology |
| | Display Area | 408mm X 306mm |
| | Pixel Pitch | 0.255mm X 0.255mm |
| | Contrast Ratio | 800 :1 (Typ.) |
| | Maximum Luminance | 300cd/m ² (Typ.), (calibrated to 170cd/m ² by factory default) |
| Visual Performance | Viewing Angle | 178° vertical and horizontal |
| | Available Resolution | 640 X 480 (VGA), ~1600 X 1200 (UXGA) |
| | Grayscale | 10bit(1021) grayscale to 8bit(256) grayscale |
| Input Signal | Color display | Full color (16.77million colors) |
| | Input Sync Signal | Digital DVI / Analog RGB |
| Power Supply | Plug and Play | DDC2B compliant |
| | Input | 100V ~ 240V (±10%) 50/60Hz (Internal power supply) |
| Features | Maximum Power Consumption | 60W Typical (with power management feature) |
| Approvals | Calibration Control | Luminance, Gamma, Color temp. (A calibration kit is required.) |
| Physical Characteristics | Approvals | MET, MDD/CE, FCC-B, VCCI-B |
| | Dimensions (incl. tilt stand) | Landscape : 453 (W) X 462 / 523 (H) X 220.0 (D) mm Portrait : 353 (W) X 512 / 573 (H) X 220.0 (D) mm |
| | Weight | Net: approx. 10.7kg, Without tiltstand: approx. 6.5kg |
| | Tilt stand | Tilt, Swivel, Portrait / Landscape |
| | Mount | 100mm VESA mounting |
| Accessories | Security Slot | Antitheft security slot (Panel and tilt stand) |
| | Power cord (3P), DVI cable, VGA cable, Operation manual | |



TOTOKU has obtained ISO14001 and ISO9001/ISO13485 certification which are international standards concerning environment management and quality control respectively.



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| Safety Precautions | Please read the user's manual for safe and proper use. |
| Do not expose the product to dust, moisture, steam, or oily smoke. It could cause fire, electric shock, or a failure. | |

TOTOKU

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Additional product information is available at <http://www.totoku.com/display/>

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