

TOTOKU DISPLAY FOR DIAGNOSTIC IMAGING

CGL Series

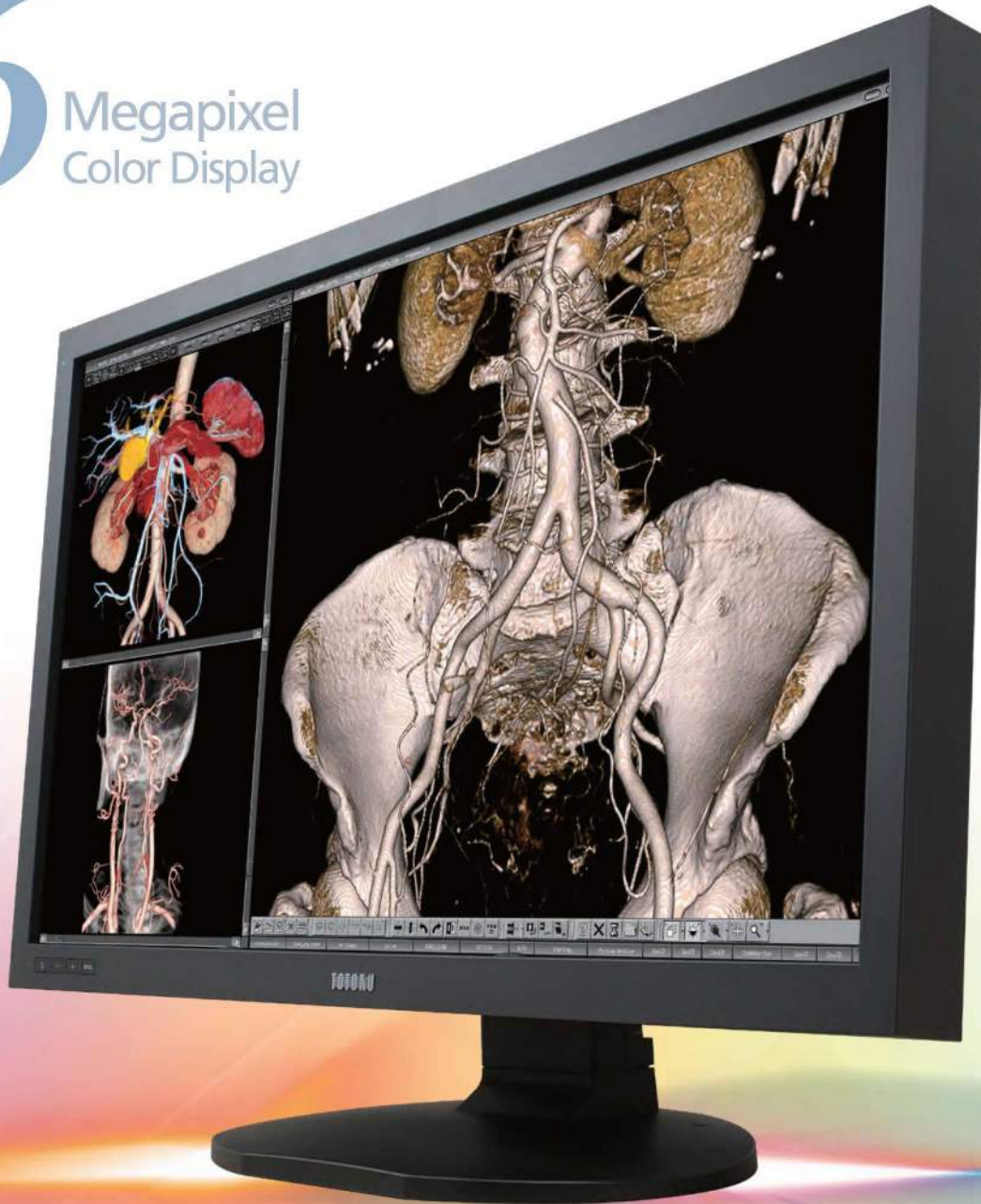
6 Megapixel 30.0" Color Display

New **CCL 650i2**

CCL650i2/AR (Special AR Coating)
CCL650i2/N



6 Megapixel
Color Display



*Wide screen 6MP color diagnostic display
for new possibilities with streamlined workflow*

i model **i2**

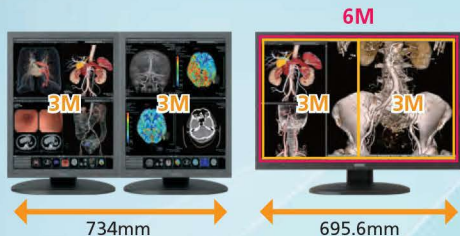
30.0"	DisplayPort & DVI-D	800 cd/m ²	1000:1	Calibration Function	16Bit LUT
LED Backlight	10-Bit Display	OSD	Luminance Uniformity Correction	LED Indicator	

6 Megapixel 30.0" Color Display

New CCL650i2

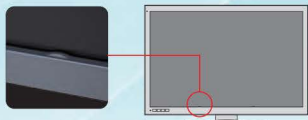
CCL650i2/AR (Special AR Coating)
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6MP Wide Color Display



The 30" wide color LCD with 6MP CCL650i2 provides a viewing area equivalent to two 3MP displays seamlessly. This design will reduce the burden of your eyes to move one to another in case you have two 3MP displays. The wide screen of the CCL650i2 also enables you to effectively and efficiently allocate multiple windows you need to work on. The CCL650i2 requires less footprint compared with two 3MP displays to save space.

Luminance Stabilizing System λ-Sentinel



The luminance sensor in front constantly monitors and accurately stabilizes luminance on the screen to optimize image quality all the time.

Longer Lifetime and Energy Saving with LED Backlight



Compared to the CCFL backlight, LED backlight CCL650i2 will save about 20% of energy and hold brightness longer.

Uniformity Equalizer



*Images shown are for illustrative purposes only.
Luminance and color uniformity correction system will produce stable images across the screen.

DICOM Conformance Check

User friendly OSD functions include DICOM conformance check function.

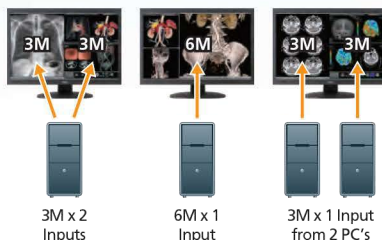
Dual link DVI & DisplayPort



2-port DVI or DisplayPort will drive the CCL650i2 with off-the shelf graphics cards. 10-bit shades of grayscale or 1 billion colors are simultaneously displayed via DisplayPort rendering images smoothly.

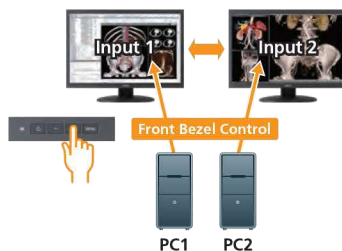
*Customized viewer software and graphics card are required to display 10-bit images.

Diversified Utility



Multiple system configurations can be accommodated with two Dual link DVI and two DisplayPort interface.

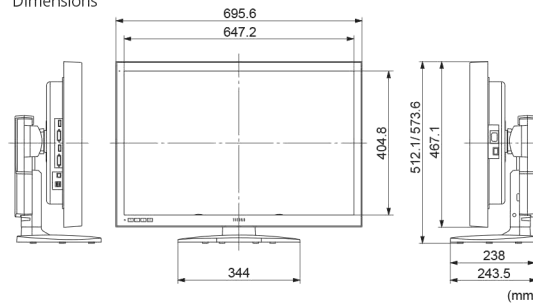
Multiple Signal Sources



You can choose multiple signal sources at your fingertips.

	CCL650i2/AR CCL650i2/N
Technology	30.0-inch, TFT color active matrix IPS technology
Display Area	645.5mm x 403.05mm
Pixel Pitch	0.197mm x 0.197mm
Contrast Ratio	1000 : 1 (typ)
Maximum Luminance	800cd/m ² typ. (Calibrated to 410cd/m ² and 300cd/m ² by factory default)
Viewing Angle	170° vertical and horizontal
Native Resolution	3280 x 2048 (at Fv=30Hz), 1640 x 2048 (at Fv=60Hz)
Display Colors	16.77 million colors from a palette of 68 billion colors 1.06 billion colors with DisplayPort and 10-bit viewer
Input Signal	DVI-D (DVI 1.0 compliant) DisplayPort (DisplayPort 1.1a compliant)
Plug and Play	DDC2B compliant
Input Power Supply	100V-240V 50/60Hz
Maximum Power Consumption	180W (typ)
Calibration Control	Luminance, Gamma, Color temperature Capable of storing 3 sets of LUT (An optional Calibration kit is required)
OSD Information Display	Model name, Serial No., Total operating time, Calibration settings (Operating time since last calibration, Luminance, Gamma), Current luminance and ambient light, DICOM conformance
USB Hub	USB Rev.2.0 compliant, Self-powered, USB upstream connector(x1), USB downstream connector (x2)
Other Features	Luminance/color uniformity correction, LED indicator, Multiple LUT, Self DICOM check
Approvals	ANSI/AAMI ES60601-1(2005)+A1(2012), CAN/CSA-C22.2 NO. 60601-1(2008), CE, FCC-B, ICES-003-B, VCCI-B, FDA510(k), J-Moss, RoHS
Dimensions (incl. tilt stand)	695.6mm x 512.1/573.6mm x 243.5mm
Weight	About 15.5kg
Tilt Stand	Tilt, Swivel
Mount	Vesa mounting 100mmx200mm, 100mmx100mm
Security Slot	Display, Stand
Accessories	Power cord, DVI cable x2, DisplayPort cable x2, USB cable, Users manual, Cleaning kit* *Special AR coating model only

Dimensions



- "TOTOKU" is a brand of medical and industrial displays manufactured and sold by JVCKENWOOD Corporation.
- Company names and product names are the registered trademarks of the respective companies.
- Product specifications and appearance are subject to change without notice.
- Colors in photographs may differ from actual colors due to the printing process.
- Images on screens are simulated.



• Certified Management System
• DIN EN ISO 9001
• DIN EN ISO 13485

JVCKENWOOD has obtained ISO14001 and ISO9001/13485 certification, which are international standards concerning environment management and quality control respectively.



- 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.



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