TOTOKU

3 Megapixel
20.8" Color Display

CCL350i

Easy evaluation of DICOM GSDF conformance and high luminance

The high luminance model is best suited for color medical images whose increased use is expected.
A hardware pivot function realizes fast drawing in portrait orientation.
Its wide dynamic range realizes clear display of grayscale images.

i model

Higher Image Quality & Total Management

3 Megapixel Color Display

High Luminance

λ-Sentinel II

20.8" | Digital Input | High luminance 400cd/m² | Contrast 400:1 | Calibration function | 10Bit LUT | OSD | Hardware Pivot | LED Indicator | Protective filter | Multi function Stand

i-TECH COMPANY

Distributed by:
i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@iTechLCD.com • WEB: www.iTechLCD.com

i model

3 Megapixel
20.8" Color Display

CCL350i

Features :

Newly developed luminance stabilizing system λ-Sentinel Ⅱ

Provides enhanced stability in luminance and interaction with performance monitoring software PM Medivisor to evaluate conformity to DICOM GSDF.

High luminance, high quality LCD panel

Provides high quality images with maximum luminance of 400cd/m² and contrast ratio of 400:1. Due to its wide dynamic range, high quality grayscale is achieved.

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 origianl and smooth display of grayscale are spossible. (A calibration kit is required.)

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

The built-in LUT selects the most appropriate 256 shades of gray (8bit) out of 1024 shades (10bit) to realize finer and smoother grayscale.

Hardware pivot function for fast drawing in portrait orientation

OSD Information Display

Such information as the display model, total operating time, actual measurement of luminance, and calibration settings can be checed on screen.

LED indicator to inform of current status

A glance at the LED indicator tells you the display's current operating status.

Worldwide medical safety standards

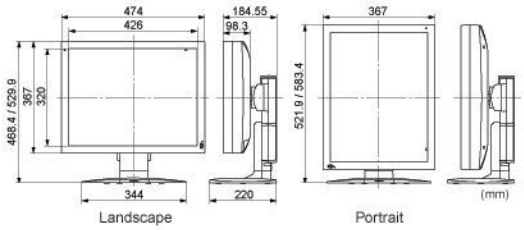
This display is certified under various medical safety standards that are much more demanding than those for general-purpose IT equipment.

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		CCL350i
LCD Panel	Technology	20.8-inch, TFT Color Active matrix
	Display Area	423.9mm X 318.0mm
	Pixel Pitch	0.207mm X 0.207mm
	Contrast Ratio	400 :1 (Typ.)
	Maximum Luminance	400cd/m² (Typ.), (calibrated to 200cd/m² by factory default)
	Viewing Angle	170° vertical and horizontal
Visual Performance	Available Resolution	USTEXT, 640 X 480 (VGA), 800 X 600 (SVGA), 1024 X 768 (XGA), 2048 X 1536 (QXGA)
	Color display	Full color (16.77million colors)
Input Signal	Input Sync Signal	DVI 1.0 compliant
	Plug and Play	DDC2B compliant
Input Power Supply	Input	AC adapter 100V ~ 240V (±10%) 50/60Hz
	Maximum Power Consumption	83W Typical (with power management feature)
Features	Calibration Control	Luminance, Gamma, Color temp., Capability to save 3 sets of LUT settings (A calibration kit required.)
	OSD Information Display	Model name, Serial No., Total operating time, Calibration settings (Operating time from Last Calibration, Luminance, Gamma, Color temp, etc.), Current luminance, etc.
	USB Hub	USB Rev. 2.0 compliant, Self-powered USB upstream connector (x1), USB downstream connector (x2)
	Other Features	Hardware Pivot, LED indicator
Approvals	UL60601-1, CSA C22.2 No.601.1, MDD/CE, FDA510 (k), MIC, CCC, BSMI, FCC-B, VCCI-B	
Physical Characteristics	Dimensions (incl. tilt stand)	Landscape : 474.0 (W) X 468.4 / 529.9 (H) X 220.0 (D) mm Portrait : 367.0 (W) X 521.9 / 583.4 (H) X 220.0 (D) mm
	Weight	Net: approx. 11kg, Without tiltstand: approx. 6.8kg
	Tilt stand	Tilt, Swivel, Portrait / Landscape
	Mount	100mm VESA mounting
	Security Slot	Antitheft security slot (Panel and tilt stand)
	Protective Filter	Antireflection-coated protective filter
Accessories	AC adapter, Power cord (3P), DVI cable, Serial cable, USB cable, Operation manual	



i model —
A lineup of high-performance displays equipped with advanced luminance stabilizing system "λ-Sentinel Ⅱ".
Thanks to the system, the i model realized outstanding luminance stability and hands-free DICOM GSDF conformance test.

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

ISO 14001 JQA-EM0674

ISO 9001 ISO 13485

⚠ 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.

i-TECH COMPANY

Distributed by:
i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@iTechLCD.com • WEB: www. iTechLCD.com