### Specifications

**Model Name**
- CCL256i2/F
- CCL256i2/AR
- CCL356i2/F
- CCL356i2/AR
- MS33i2/F
- MS33i2 / CCL256i2 / CCL356i2
- MS53i2

#### LCD Panel
- **6.0"**

#### Approvals
- **DVI-D (DVI 1.0 compliant)**
- **DisplayPort (DisplayPort 1.1a compliant)**

#### Features
- **Maximum Luminance 800cd/m\(^2\) typ.**
- **950cd/m\(^2\) typ.**
- **Calibration Control Luminance, Gamma, Capability of saving 3 sets of LUT settings**
- **Native Resolution 1536 X 2048, 1200 X 1600**
- **Contrast Ratio 750 : 1 (typ) 900 : 1 (typ)**
- **Viewing Angle 170˚ vertical and horizontal**
- **Display Colors 16.77million colors out of 68 billion color**
- **Plug and Play DDC2B compliant**

#### Interface
- **Input Signal DVI-D (DVI 1.0 compliant)**
- **DisplayPort (DisplayPort 1.1a compliant)**
- **USB Hub USB Rev. 2.0 compliant, Self-powered**

#### Dimensions
- **Techonology 21.3-inch, TFT Color Active matrix IPS technology**
- **Pixel Pitch 0.2115mm X 0.2115mm 0.270mm X 0.270mm**
- **Display Area 422.4mm X 337.9mm 423.9mm X 318.0mm 432mm X 324mm**

#### Configurations
- **100mm VESA mounting**

#### Tilt stand
- **Portrait / Landscape**
- **Dimensions (incl. tilt stand) 424.4 (F) 474 (W) X 471.4 / 532.9 (H) X 220 (D)mm**
- **Portrait : 367 (W) X 524.9 / 586.4 (H) X 220 (D)mm**

#### Security Slot
- **On the back of the panel and the tilt stand**

#### Plug and Play
- **DDC2B compliant**

#### Other Features
- **Luminance and Color Uniformity Correction, Hardware Pivot, LED indicator, *(incl. tilt stand)***

#### Input
- **100V ~ 240V (±10%) 50/60Hz**

#### Other
- **1073.74 million colors (DisplayPort 10bit input)**
- **technology ON: 2048 shades of gray (ISD(Independent Sub-pixel Drive) techonology ON: 1276 shades of gray) are possible with the customized viewer.**
- **Simultaneous display of 2048 shades of gray (ISD(Independent Sub-pixel Drive) techonology ON: 1024 shades of gray (DisplayPort 10bit input)**
- **Clean kit (Special AR coating model only)**
- **Techonology ON: 256 shades of gray out of 12241 shades of gray.**
- **DisplayPort (DisplayPort 1.1a compliant)**

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

#### Healthcare Systems Operation, Professional & Healthcare Division

**DICOM Conformance**

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**Higher Image Quality and Total Management**

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**DICOM Conformance**

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**Flat Display Systems for Medical Imaging**

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**DICOM Conformance**

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Reliable Quality and Stability

Luminance stabilizing system A-Sentinel II

ASENTLE II is a luminance sensor and a luminance control circuit. The luminance sensor is integrated into the front bezel, directly against the screen, and constantly monitors and accurately stabilizes the luminance on the screen surface by sending feedback in real-time to the control circuit.

ISD (Independent Sub-pixel Drive) technology

Driven by each sub-pixel unit corresponding to the detailed information recorded as a digital image, three times resolution enhancement is achieved. In addition, up to 1276 shades of gray are simultaneously displayable by the upgraded ISD (Independent Sub-pixel Drive) technology.

Special AR coating for film-like black and improved sharpness

1024 view Special AR coating technology adds positive properties of focus, noise reduction, contrast, and viewing angle achieving film-like black and accurate reproduction of images.

Remote grayscale check and remote calibration functions

Confidence testing to DICOM LUT and calibration can be remotely accomplished. These features minimize the burden on display administrators.

Uniformity equalizer

Built in to achieve highly accurate luminance and color uniformity across the screen.

Next Generation Interface - DisplayPort

In addition to DVI port, each i2 series display includes a new digital display interface, “DisplayPort”. When using the DisplayPort, up to 1024 or 10-bit shades of gray are simultaneously displayed. This results in smooth and accurate display of subtle differences in shades of gray. Additionally, 1073.74 million colors (70 bits in each R, G, B) are simultaneously displayed on our color model.

User-friendly Functions

User-selectable display configurations

Luminance/contrast settings are selectable from three preset levels according to the user. User-selectable configurable stress free operations without specialized settings.

OSD information display

At your fingertips, you can view current display status and information, including actual measurement of luminance, calibration settings, total operating hours as well as model name and serial number.

LED indicator

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

Display Quality Control

Medivisor series (Optional software)

The Medivisor series is a series of software to collectively support display quality control from acceptance and periodic constancy testing to constant monitoring, to calibration.

Ecological Technology – Considering the Global Environment

Toshiba is committed to providing high performance display systems that are ecological and environmentally friendly. We strive to create greener IT solutions and be a part of building a clean energy future. In effort to address this, we have incorporated new power saving functions in our i2 series displays. Our advanced power saving function does the backlight on by the mainframe actions, thereby reducing power consumption and preventing unnecessary backlight deterioration, resulting in a longer lasting display. Our internal power supply system includes a newly developed power save mode, which allows the display to enter standby mode with less than 2 watts of energy consumption.

Environmental Regulations

RoHS

TOTOKU displays and graphic cards are compliant with the European Union Directive 2002/95/EC for the Restriction of the use of the Hazardous Substances in Electrical and Electronic Equipment (RoHS).

Worldwide Medical Safety and EMI standards

Toshiba medical image displays comply with various stringent worldwide medical standards. They ensure safety and reliability required for use in medical facilities.