

TOTOKU

1.3 Megapixel
18.1" Monochrome Display

ME181L /r

ME Series

1.3MP monochrome LCD with calibration function

Dual analog/digital interface model best suited for imaging modalities such as CT and MRI. The built-in calibration function enables DICOM GSDF compliant grayscale presentation.

*Flat Display System
for Medical Imaging*



1.3

Megapixel
Monochrome Display

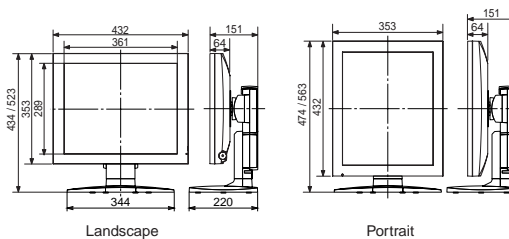
18.1"	Analog & Digital	High luminance 700cd/m ²	Contrast 600:1	Calibration function	10Bit LUT	Multi function Stand
-------	------------------	-------------------------------------	----------------	----------------------	-----------	----------------------

Features :

- ▶ **Calibration capability for DICOM Part 14 compliant grayscale presentation**
Calibrates luminance and gamma to enable smooth grayscale display that is faithful to DICOM GSDF.
(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.
- ▶ **Dual digital / analog interface**
Analog RGB and digital DVI inputs are supported.
- ▶ **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.
- ▶ **Pairing service to match colors of two displays (Optional)**

Specifications

Model Name	ME181L/r	
LCD Panel	Technology	18.1-inch, TFT Monochrome, Active matrix
	Display Area	359.0mm X 287.2mm
	Pixel Pitch	0.2805mm X 0.2805mm
	Contrast Ratio	600 :1 (Typ.)
	Maximum Luminance	700cd/m ² (Typ.), (calibrated to 410cd/m ² by factory default)
Visual Performance	Viewing Angle	170° vertical and horizontal
	Available Resolution	640 X 480 (VGA), ~1280 X 1024 (SXGA)
Input Signal	Grayscale	10bit (1021-step gradation) to 256 gradation display
	Input Sync Signal	Digital DVI / Analog RGB
Input Power Supply	Plug and Play	DDC2B compliant
	Input	AC adapter 100V ~ 240V (-10%, +6%) 50/60Hz
	Maximum Power Consumption	50W Typical (with power management feature)
Features	Calibration Control	Luminance, Gamma (A calibration kit is required.)
	USB Hub	USB Rev. 1.1 compliant, Bus-powered USB upstream connector (x1), USB downstream connector (x2)
Approvals	UL2601-1, CSA C22.2 No.601.1, MDD/CE, FDA510 (k), MIC, CCC, BSMI, FCC-B, VCCI-B	
Physical Characteristics	Dimensions (incl. tilt stand)	Landscape : 432 (W) X 434 (H) X 220.0 (D) mm Portrait : 353 (W) X 474 (H) X 220.0 (D) mm
	Weight	Net: approx. 10kg, Without tilstand: approx. 5.8kg
	Tilt stand	Tilt, Swivel, Portrait / Landscape
	Mount	100mm VESA mounting
Accessories	Security Slot Antitheft security slot (tilt stand)	
Accessories	AC adapter, Power cord(3P), DVI cable, VGA cable, Serial cable, USB cable, Operation manual	



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



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

TOTOKU Intelligent Devices and Solutions Dept. Sales and Marketing Division.
TOTOKU ELECTRIC CO., LTD.
1-3-21 Okubo, Shinjuku-ku, Tokyo 169-8543 TEL: +81 3-5273-2022 FAX: +81 3-5273-2091
*Osaka Branch: +81 6-6352-3541 *Nagoya Branch: +81 52-771-1161 *Shinetsu Branch: +81 268-34-5285

USA TOTOKU NORTH AMERICA, INC 1425 Greenway Dr., Ste. 565 Irving, Tx 75038, U.S.A. TEL : +1-972-550-1888 E-mail : info@totoku-na.com	EUROPE TOTOKU ELECTRIC CO., LTD. Jakob-Krebs-Str. 124 D-47877 Willich-Anrath Germany TEL : +49-2156-4918-0 E-mail : info@totoku.de	ASIA TOTOKU ELECTRIC CO., LTD. 3-21, Okubo-1 Chome Shinjuku-ku, Tokyo, Japan TEL : +81-3-5273-2053 E-mail : info-ids@totoku.co.jp
---	---	--

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

Please contact the distributor below with inquiries and orders.