



- **Resolution** 1920x1080 (Full HD)
- **Colours** 1.06 billion
- **Brightness** 450cd/m²
- **Contrast Ratio** 4000:1
- **Viewing Angle** Up/Down 178° Left/Right 178°

Options

- **Stand** ST-461V
- **Speakers** SP-551S
- **SDI Box** DP-1SDI-3G

MDT552S LCD Public Display

Stylish yet Durable LED-backlit Panel for Professional Use

Well suited to a variety of spaces and applications, providing durability, low power consumption and a slim, lightweight design. Ideal for signage applications, business presentations and video conferencing.



LED-backlit, Full HD LCD Panel with High Durability

New-generation commercial-grade LED-backlit panel that realises high brightness and contrast, and provides superior durability for long-term operation.

Slim & Lightweight Design

The MDT552S boasts impressive figures: a panel depth of only 47mm*, a 16.6mm narrow-bezel design and a weight of only 28.5kg. The aluminium-bezel design adds a stylish accent in boardrooms and other business settings. *When there is no OPS box/cover, bracket stand or handles attached.

Energy Saving

The power consumption of the MDT552S is only 133W*, dramatically lower (25% less) than our previous product (MDT551S: 177W*). In addition, low standby power consumption realises compliance with Energy Star standards, ensuring support for energy savings over long periods of use.

* In the case of 450cd/m² (typ.) brightness.



Crestron RoomView™ & AMX Device Discovery Compatible

The MDT552S is compatible with Crestron Roomview™ and AMX Device Discovery, widely used network management software. Control from a computer via the LAN enables setting changes and remote diagnosis of multiple displays for efficient centralised management.

High-definition Image Processing using Super-resolution Technology

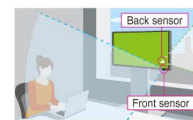
Based on the original image processing algorithm, the super-resolution technology estimates the data on the blurred components of low-resolution images, and makes modifications accordingly. In addition, it automatically detects flicker-prone parts and optimises the adjustment range, thus naturally making images clearer.



Designed by
Mitsubishi Electric

Auto Brightness

Two ambient light sensors are embedded in the display (i.e., one each in front and back) for detecting brightness at the front of the display as well as light from outside or reflected light at the rear of the unit. This allows the brightness level to be automatically and optimally controlled while also realising low power consumption.



Other Features

OPS Slot

Open Pluggable Specification compatibility allows use of a personal computer card, 3G-SDI, etc., enabling a wider scope of applications.



ARK-DS220F-MTSA1E
of Advantech Co., Ltd.

Face-up Installation

The ability to install displays face-up further increases the range.

Built-in Speakers (10W + 10W)

Two 10W built-in speakers are equipped.

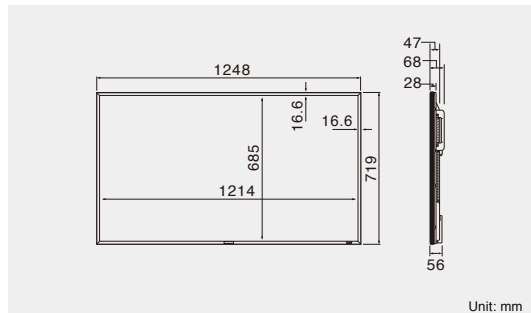
NEW

LCD PUBLIC DISPLAY

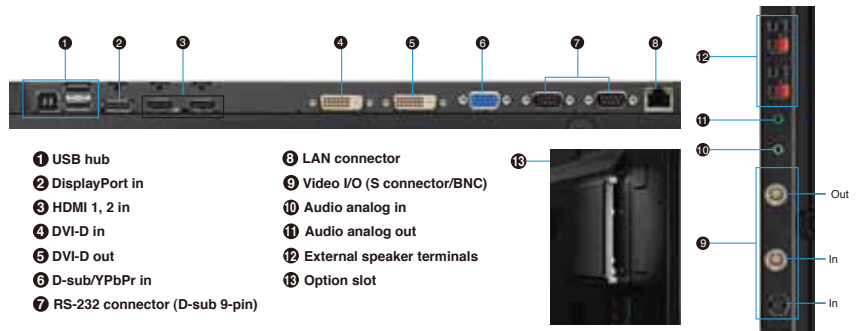
MDT552S



Dimensions



Connector Terminals



Specifications

Orientation				MDT552S (A2129)	
				Landscape/Portrait/Face-up	
LCD module	Screen size (diagonal)			54.6" (1388mm)	
	Panel type			VA	
	Resolution			1920 × 1080 (Full HD)	
	Colour			Approx. 1.06 billion	
	Brightness			Max.: 450cd/m², Factory default settings: 349cd/m²	
	Contrast ratio			4000:1	
Viewing area				Up/Down 178°, Left/Right 178°	
Power management				1209.6 x 680.4mm (47.6 x 26.8")	
Plug-n-Play				VESA DPM	
Auto adjustment				VESA DDC2B, DDC/CI	
OSD user functions				Position, Phase, Clock	
				Brightness, contrast, black level, auto brightness, zoom, PiP, screensaver, side border colour, gamma selection, heat status, power-on delay, schedule, tiling, LAN control, closed caption, super resolution, etc.	
Input/Output signal	PC	Input	(Analog)	Mini D-sub 15-pin (PC/AV common)	
			(Digital)	HDMI x 2 (PC/AV common), DVI-D (with HDCP*), PC/AV common, DisplayPort	
		Output	(Digital)	DVI-D (with HDCP*)	
		Horizontal frequency		15.625/15.734, 31.5-91.1kHz (Analog), 31.5-91.1kHz (Digital)	
		Vertical frequency		50.0, 58.0-85.0Hz	
		Sync signal	(Analog)	Separate (TTL), composite (TTL), Sync-on-Green	
		(Digital)	TMD5		
	Resolutions supported			640 × 480, 800 × 600, 1024 × 768, 1280 × 768, 1360 × 768, 1280 × 1024, 1600 × 1200, 1920 × 1080, 1920 × 1200 (1600 × 1200, 1920 × 1200 simplified compression)	
	AV	Input	(Analog)	Composite <BNC>, S-terminal, Mini D-sub 15-pin (PC/AV common)	
			(Digital)	HDMI × 2 (PC/AV common), SDI (option)	
		Output	(Analog)	Composite <BNC>	
			(Digital)	SDI (option)	
	Resolutions supported			Composite signal/S-terminal: NTSC, PAL, SECAM, 4.43 NTSC, PAL60, Component signal: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p SDI: 480i/576i (SD-SDI), 720p/1080i (HD-SDI), 1080p (3G-SDI)	
	Audio	Input	(Analog)	Stereo mini jack	
		(Digital)	HDMI × 2, DisplayPort, SDI (option)		
	Output	(Analog)	Stereo mini jack		
		(Digital)	SDI (option)		
Option slot		Slot interface		Digital (OPS*) slot	
External speaker output		External speaker jacks (8ohm)			
Control		Input	RS-232C <D-sub 9-pin>, LAN <modular 8-pin>		
		Output	RS-232C <D-sub 9-pin>		
Built-in speakers				10W + 10W (stereo)	
USB hub				2 upstream/2 downstream, USB2.0 compliant	
Power supply	Voltage, Current			100-240VAC, 50/60Hz	
	Power consumption			Max.: 186W (133W w/o options*3), Factory default settings: 99W	
	Power consumption in economy mode			Sleep mode: Less than 1.0W Main power switch off: 0W	
Operating environment	Temperature			Landscape mode: 0-40°C (32-104°F), Portrait mode/Face-up mode: 0-35°C (32-95°F)	
	Humidity			20-80% (without condensation)	
Dimensions (W × H × D)	Net (without stand)			1248 × 719 × 47/68mm (49.1 × 28.3 × 1.9/2.7")	
Weight	Net (without stand)			Approx. 28.5kg/62.8lbs	
Wall mounting interface				9 holes, M6 screws (200mm (7.9") pitch) for monitor, 4 holes, M4 screws (100mm (4.0") pitch) for SBC, Signage player mounted on monitor	
Regulation/Guideline compliance				UL60950-1/C-UL/CE Marking/B5MI/GOST-R/FCC-A /DOC-A/ C-Tick/RoHS/US Mercury/Energy Star/CCC only for Chinese model	

*Values shown in the Specifications chart are typical values; actual values may vary depending on individual unit differences. *Specifications are subject to change without notice.

*Please be aware of the conditions as follows when using the digital daisy chain connection. 1. Set POWER SAVE in the CONFIGURATION1 menu to OFF. 2. You may connect up to four monitors; however, the maximum number of connectable monitors may be limited depending on the signal source.

*1 HDCP compatibility is not supported when DVI-D is connected to a Macintosh computer. HDCP: High-bandwidth Digital Content Protection.

*2 The OPS slot complies with the OPS standards recommended by Intel®.

*3 When neither speakers, USB, nor OPS boxes are equipped, and COOLING FANS are set to OFF.



Brighter display solutions

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