

**NEW
PRODUCT**
**Stylish yet Durable LED-backlit Panels
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.


**MDT
552S**
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**

**LED-backlit, Full HD LCD Panels
with High Durability**

New-generation commercial-grade LED-backlit panels that realise high brightness and contrast, and provide superior durability for long-term operation.

Slim & Lightweight Design

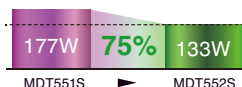
The MDT552S boasts impressive figures: a panel depth of only 47mm*, a 16.6mm narrow-bezel design and a weight of only 28.5kg. The aluminium-bezel design adds a stylish accent in boardrooms and other business settings.

* When there is no OPS box/cover, bracket stand or handles attached.

Energy Saving

The power consumption of 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.


**Compatible with Crestron RoomView™
& AMX Device Discovery**

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**

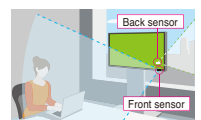
Based on the original image processing algorithm, the super-resolution technology estimates the data on the blurred components of low-resolution images, and makes modifications accordingly. In addition, it automatically detects flicker-prone parts and optimises the adjustment range, thus naturally making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

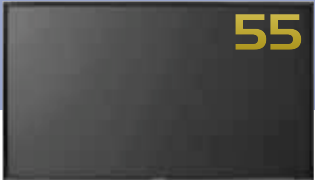
OPS Slot Open Pluggable Specification compatibility allows use of a personal computer card, 3G-SDI, etc., enabling a wider scope of applications.



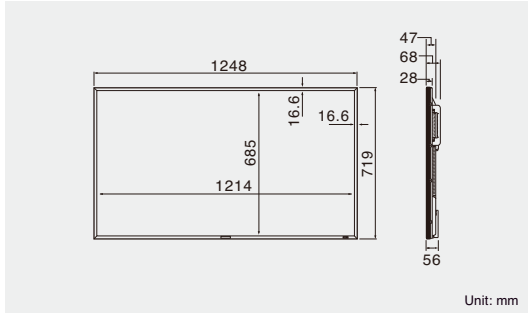
ARK-DS220F-MTSA1E of Advantech Co., Ltd.

Face-up Installation The ability to install displays face-up further increases the range of applications.

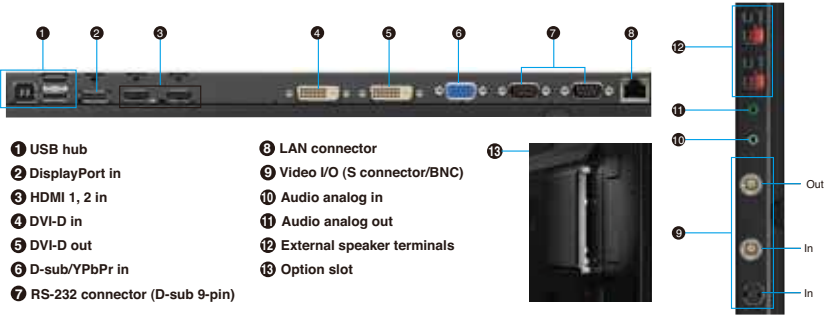
Built-in Speakers (10W + 10W) Two 10W built-in speakers are equipped.



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/m ² , Factory default settings: 349cd/m ²		
	Contrast ratio	4000:1		
Viewing area		Up/Down 178°, Left/Right 178°		
Power management		1209.6 × 680.4mm (47.6 × 26.8") VESA DPM		
Plug-n-Play		VESA DDC2B, DDC/CI		
Auto adjustment		Position, Phase, Clock		
OSD user functions		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)	
		Input (Digital)	HDMI × 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	
	Resolutions supported	640 × 480, 800 × 600, 1024 × 768, 1280 × 768, 1360 × 768, 1280 × 1024, 1600 × 1200, 1920 × 1080, 1920 × 1200 (1600 × 1200 simplified compression)		
	AV	Input (Analog)	Composite <BNC>, S-terminal, Mini D-sub 15-pin (PC/AV common)	
		Output (Analog)	HDMI × 2 (PC/AV common), SDI (option)	
		Output (Digital)	Composite <BNC> 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	
Output (Analog)		HDMI × 2, DisplayPort, SDI (option)		
Option slot	Slot interface	Stereo mini jack		
External speaker output	Slot interface	SDI (option)		
Control	Input	Digital (OPS*) slot		
	Output	External speaker jacks (8ohm)		
Built-in speakers		RS-232C <D-sub 9-pin>, LAN <modular 8-pin> RS-232C <D-sub 9-pin> 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*), 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/BSMI/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.

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