

**NEW
PRODUCT**

Stylish yet Durable Large-screen LED-backlit Panels

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



**MDT
701S**

Resolution
1920x1080
(Full HD)

Colours
1.07 billion

Brightness
500cd/m²

Contrast Ratio
5000:1

Viewing Angle
Up/Down 176°
Left/Right 176°

Options

Speakers: **SP-551S**

(Height adjusting blocks: **DP-01SPB**)

SDI Box: **DP-1SDI-3G**

● LED-backlit, Full HD, 120Hz 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 MDT701S is a large-screen model yet boasts impressive figures including a panel depth of only 68mm* and a 21.5mm narrow-bezel design. The aluminium-bezel design adds a stylish accent in boardrooms and other business settings.

* When there are no handles attached.

● Compatible with Crestron RoomView™ & AMX Device Discovery

The MDT701S is compatible with both Crestron Roomview™ and AMX Device Discovery, widely used network management software. Control commands can be sent from a computer through the LAN network to enable setting changes and remote diagnosis of multiple displays for efficient centralised management.



● High-definition Image Processing using Super-resolution Technology

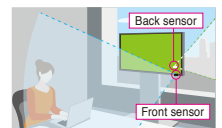
Based on the original image processing algorithm, the super-resolution technology estimates the data on the blurred components of low-resolution images, and makes modifications accordingly. In addition, it automatically detects flicker-prone parts and optimises the adjustment range, thus naturally making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

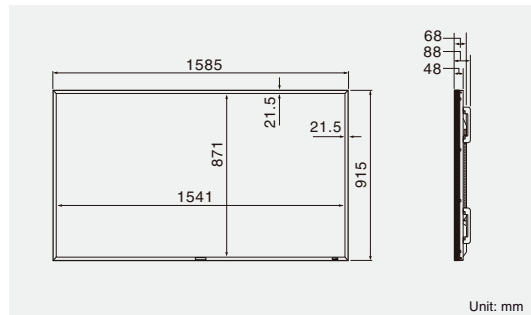


ARK-DS220F-MTSA1E of
Advantech Co., Ltd.

USB Hub A USB hub with two upstream and two downstream ports is equipped.

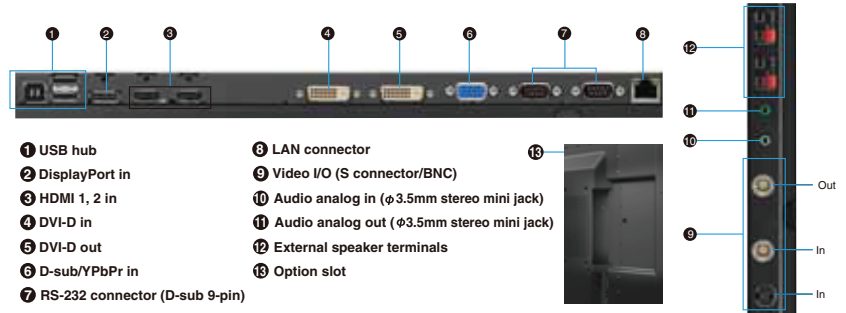
Built-in Speakers (10W + 10W) Two 10W built-in speakers are equipped.

Dimensions



Unit: mm

Connector Terminals



Specifications

Orientation		MDT701S (A3112) Landscape/Portrait	
LCD module	Screen size (diagonal)	69.5" (1765mm)	
	Panel type	VA	
	Resolution	1920 × 1080 (Full HD)	
	Colour	Approx. 1.07 billion	
	Brightness	Max.: 500cd/m ² , Factory default settings: 365cd/m ²	
	Contrast ratio	5000:1	
Viewing area		Up/Down 176°, Left/Right 176°	
Power management		1539 × 866mm (60.6 × 34.1")	
Plug-n-Play		VESA DPM	
Auto adjustment		VESA DDC2B, DDC/CI	
OSD user functions		Position, Phase, Clock	
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* ¹), PC/AV common, DisplayPort
		Output (Digital)	DVI-D (with HDCP* ¹), PC/AV common
		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	
	Sync signal (Digital)	TMDS	
	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)
		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	
	Input (Digital)	HDMI × 2, DisplayPort, SDI (option)	
Option slot	Slot interface	Stereo mini jack	
	External speaker output	SDI (option)	
Control	Input	Digital (OPS* ²) slot	
	Output	External speaker jacks (8ohm)	
Built-in speakers		RS-232C <D-sub 9-pin>, LAN <modular 8-pin>	
USB hub		RS-232C <D-sub 9-pin>	
Power supply	Voltage, Current	10W + 10W (stereo)	
	Power consumption	2 upstream/2 downstream, USB2.0 compliant	
	Power consumption in economy mode	100-240VAC, 50/60Hz	
Operating environment	Temperature	Max.: 278W (218W w/o options* ³), Factory default settings: 175W	
	Humidity	Sleep mode: Less than 1.0W	
Dimensions (W × H × D)	Net (without stand)	Main power switch off: 0W	
	Net (without stand)	Landscape mode: 0-40°C (32-104°F), Portrait mode: 0-35°C (32-95°F)	
Weight	Net (without stand)	20-80% (without condensation)	
	Net (without stand)	1585 × 915 × 68/88mm (62.4 × 36.0 × 2.7/3.5")	
Wall mounting interface	Approx. 45.8kg/101.0lbs		
Regulation/Guideline compliance	9 holes, M6 screws (200mm (7.9") pitch) for monitor, 4 holes, M4 screws (100mm (3.9") pitch) for SBC, Signage player mounted on monitor		

*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.
 *When the monitor is connected via DisplayPort, depending on the compatibility with the computer, images may not be displayed at the time of reverting from power save mode. In this case, set RGB of POWER SAVE to OFF. After completing the setup, restart the computer.
 *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.

■ All information contained herein may be changed without prior notice.
 ■ HDMI, ~~HDMI~~ and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries.
 ■ Other brand, product, and service names are trademarks or registered trademarks of the respective companies.
 ■ Product appearance in this flyer does not imply that Mitsubishi Electric Corporation intends to make it available in all countries where Mitsubishi Electric Corporation and its subsidiaries operate.
 ■ Photographs are simulated images.

