



**mitsubishi  
ELECTRIC**

LCD PUBLIC DISPLAY

*Changes for the Better*

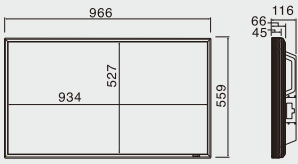
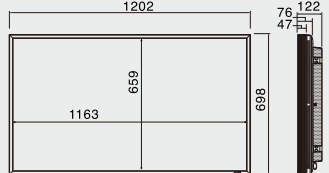
Slim Eye-catching Bezel Design  
Advanced High-definition Digital Signage Display

**MDT421S / MDT521S**

Specifications

MDT421S

MDT521S

Dimension		 (Unit:mm)		 (Unit:mm)	
Orientation		Landscape / Portrait		Landscape / Portrait / Face up	
LCD Module	Diagonal (inch)	42" (1067mm)		52" (1322mm)	
	Pixel Pitch	0.485mm		0.600mm	
	Resolutions	1920 x 1080dots (Full HD)		1920 x 1080dots (Full HD)	
	Colour	1.0 Billion		16.7 Million	
	Brightness (typ.)	700cd/m <sup>2</sup>		700cd/m <sup>2</sup>	
	Contrast ratio	1100 : 1		2000 : 1	
	Viewing Angle (CR>=10)	Up and Down 178°, Left and Right 178°		Up and Down 178°, Left and Right 178°	
Viewable Size	930mm x 523mm / 36.6" x 20.6"		1152mm x 648mm / 45.4" x 25.5"		
Power Management	VESA DPM		VESA DPM		
Plug and Play	VESA DDC2B, DDC/CI		VESA DDC2B, DDC/CI		
Auto adjustment	Yes (Contrast / Position / Phase / Clock)		Yes (Contrast / Position / Phase / Clock)		
OSD user function		Brightness, Contrast, Auto Brightness, Zoom, PIP, Screen saver, Side border color, Gamma selection, Black level expansion, Heat status, Power on delay, Schedule, Tiling, etc.		Brightness, Contrast, Auto-Brightness, Zoom, PIP, Screen saver, Side border color, Gamma selection, Black level expansion, Heat status, Power on delay, Schedule, Tiling, CAT5 Control, etc.	
Input / Output signal	PC Input / Output	Input Connector (Analog)	Mini D-sub 15Pin , BNC (R, G, B, H, V) (PC/AV common)	Mini D-sub 15Pin , BNC (R, G, B, H, V) (PC/AV common)	
		Output Connector (Digital)	HDMI (PC/AV common), DVI-D (PC/AV common), DisplayPort	HDMI (PC/AV common), DVI-D (PC/AV common)	
		Output Connector	Mini D-sub 15Pin	Mini D-sub 15Pin	
		CAT5-Input	(Option)Modular 8 pinx1 providing RGB differential video and RS-485 control support.	Modular 8 pin x1 providing RGB differential video and RS-485 control support.	
		CAT5-Output	(Option)Modular 8 pinx1 providing RGB differential video and RS-485 control support.	Modular 8 pin x1 providing RGB differential video and RS-485 control support.	
		Horizontal Frequency	15.625 / 15.734, 31.5 - 91.1kHz	15.625 / 15.734, 31.5 - 91.1kHz	
		Vertical Frequency	50.0 / 58.0 - 85.0Hz	50.0 / 58.0 - 85.0Hz	
	Video Signal	Analog: Analog RGB, Digital: TMDS (with HDCP)	Analog: Analog RGB, Digital: TMDS (with HDCP)		
	Sync Signal	Analog: Separate (TTL), Composite (0.3V), Sync on Green, Digital: TMDS	Analog: Separate (TTL), Composite (0.3V), Sync on Green, Digital: TMDS		
	Supported Resolution	640x480, 800x600, 1024x768, 1360x768, 1280x1024, 1600x1200 (Compressed/Simplified), 1920x1080, 1920x1200 (Compressed/Simplified)	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200 (Compressed/Simplified), 1920x1080, 1920x1200 (Compressed/Simplified)		
AV Input / Output	Input Connector (Analog)	Composite <BNC/RCA>, Separate (Y/C)<S-TERMINAL>, Component (Y/Pb/Pr) <BNC> (PC/AV common)	Composite <BNC/RCA>, Separate (Y/C)<S-TERMINAL>, Component (Y/Pb/Pr) <BNC> (PC/AV common)		
	Output Connector (Digital)	HDMI (PC/AV common), DVI-D (PC/AV common)	HDMI (PC/AV common), DVI-D (PC/AV common)		
	Output Connector	Analog: Composite<BNC>	Analog: Composite<BNC>		
Supported Resolution	Composite/Separate: NTSC, PAL, SECAM, 4.43NTSC, PAL60 Component/Digital:480i,480p,576i,576p,720p,1080i,1080p	Composite/Separate: NTSC, PAL, SECAM, 4.43NTSC, PAL60 Component/Digital:480i,480p,576i,576p,720p,1080i,1080p			
AUDIO Input / Output	Input Connector (Analog)	RCA pin-jack L/R x 2, Stereo mini jack	RCA pin-jack L/R x 2, Stereo mini jack		
	Output Connector (Digital)	HDMI (digital audio)	HDMI (digital audio)		
Speaker / Audio Output	Input Connector	External Speaker Jack, 7W + 7W (8 ohm)	External Speaker Jack, 7W + 7W (8 ohm)		
Control Input / Output	Input Connector	RS-232C<Mini D-sub 9Pin>	RS-232C<Mini D-sub 9Pin>		
	Output Connector	RS-232C<Mini D-sub 9Pin>	RS-232C<Mini D-sub 9Pin>		
Power Supply	Input Voltage	AC100 - 240V, 50/60Hz	AC100 - 240V, 50/60Hz		
	Power Consumption	232W (214W without speaker)	380W (360W without speaker)		
Power Consumption at Power Saving	Input Voltage	Less than 5W (with CAT5 (Option) input select)	Less than 5W (with CAT5 input select)		
	Power Consumption	Less than 3W (with other input select)	Less than 3W (with other input select)		
Operational Environment	Temperature	5 to 40°C / 41 to 104 °F (Landscape Mode), 5 to 35°C / 41 to 95°F (Portrait Mode)	5 to 40°C / 41 to 104 °F (Landscape Mode), 5 to 35°C / 41 to 95°F (Portrait Mode / Face up Mode)		
	Humidity	20 - 80% (without condensation)	20 - 80% (without condensation)		
Dimension (WxHxD)	Net with stand	—	—		
	Net without stand	966mm (W) x 559mm (H) x 116mm (D) / 38.0"(W) x 22.0"(H) x 4.6"(D)	1202mm (W) x 698mm (H) x 122mm (D) / 47.3"(W) x 27.5"(H) x 4.8"(D)		
Weight	Gross	1130mm (W) x 709mm (H) x 280mm (D) / 44.5"(W) x 28.0"(H) x 11.0"(D)	1405mm (W) x 951mm (H) x 275mm (D) / 55.3"(W) x 37.4"(H) x 10.8"(D)		
	Net with stand	—	—		
Wall mounting interface	Net without stand	Approximately 24kg / 52lbs	Approximately 40kg / 88lbs		
	Gross	Approximately 31kg / 68lbs	Approximately 49kg / 108lbs		
Complied regulatory and guidelines		UL60950-1/C-UL/CE Marking/BSMI/GOST-R/FCC-B/DOC-B/C-Tick/RoHS/US Mercury/CCC only for Chinese model		UL60950-1/C-UL/CE Marking/BSMI/GOST-R/FCC-B/DOC-B/C-Tick/RoHS/US Mercury/CCC only for Chinese model	
Accessories		Power Cord, VGA (Mini-Dsub15p) Cable, User's Manual, Wireless Remote Controller, Battery, Clamper, Screw for Clamper		Power Cord, VGA (Mini-Dsub15p) Cable, User's Manual, Wireless Remote Controller, Battery, Clamper, Screw for Clamper, CAT5 Tx Box, CD-ROM	

Optional Stereo Speakers



SP-421S/SP-521S

Optional Stand



ST-421S/ST-521S

Optional CAT5 Kit For MDT421S



Transmitter Receiver DP-1CA5



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