

Display Specifications MT553UTB MultiTaction Cell 55" Full HD LCD UltraThin Bezel

Display Technology TFT LCD Ultra Thin Bezel Display Size S5*16:9 Wide Native Resolution Full HD 1920 x 1080 Display Colors 16.7 million Display Active Area 1209.6 x 680.4 mm Mullion S.7 mm from pixel to pixel Pixel Pitch 0.63 x 0.63 mm Pixel Pitch Pixel Response Time 8m sgrey to grey Brightness 400 cd/m2 Contrast Ratio 4000:1 typical Picture Frame Rate 60 Hz Backlight White LED Matrix Array Viewing Angle 178 Touch Sensing Hardware Touch technology Computer Vision Through Screen Integrated Backlight Emitter Camera module IR Wavelength 850 nm Touch Surface Display Safety Glass Tempered 4mm Optiwhite Glass covering whole front surface Interfaces Video Input DVI-D Control Input DVI-D Control Input DVI-D Control Input Ethernet Auxilliary input for keyboard, mouse, and extra memory 3 x USB A Power Connector IEC C14 **disabled, reserved for future use Electrical Specifications Power Consumption 500 W Touch Sensing Details Tracking Software Embedded MultiTaction Extensible Hybrid Tracking Engine Interaction Methods Single finger, multiple fingers, single hand, multiple hands and users, objects with optica markers, basic shapes, infrared pen. Click, hold and drag Hand Recognition Infrared pen Supported with 2D fiducial markers, Some basic shapes. Unlimited simultaneous pen and touch input. Number of Simultaneous Touch Inputs Number of Simultaneous Users Unlimited (separate hands) ¹⁰ Positional accuracy Sub-pixel accuracy Sub-pixel accuracy Touch Latency 10 m typical Tracking Data Outputs/APIs Multi-Format Tracking Output: Low level C++ TUIO, XMI stream, Windows 7 Touch Windows 7, Linux and Max OS X Development Environment Support Most major programming languages and environments (e.g. MS Surface 2 SDK, Win 7 tools, TUIO-Compatible systems) and Corrections EDK available for C++/OpenGL (Windows 7, Linux, Mac OS X)	Display Specifications	MT553UTB
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to run a single Multi-touch application	Stackability	Up to 24 Cells can be connected
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Environment Specifications	
Operating Temperature	0 to +35 degrees C
Storage Temperature	-10 to +60 degrees C ⁽⁴
Relative Humidity	Non-condensing max. 80%
Dimensions and Weight	
Physical Dimensions	1215 x 686 x 200 mm
Bezel width	1.9 mm (bottom and left side),
	3.8 mm (top and right side)
Weight	40 kg (+5kg for two legs)
Color	Black
Shipping Dimensions	1350 x 500 x 950 mm
Shipping Weight	70 kg
Display Mounting	
VESA Mount	800 x 400 mm, M8 screws
Mounting positions	Landscape
	Portrait
Cooling	
Cooling system	Forced Air
Convection method	Low Noise Variable Speed Internal Fans
Noise Level	30 - 40 dBA
Miscellaneous	
Agency Approvals	CE
RoHS Compliant	Yes
Expected Life-time	Over 60,000 h
Warranty	1 Year
Sales Package Contents	
Display Unit	1
Power Cords	5 m, EUR, US, GB
Digital Video Cable	DVI-D 5 m
USB A-B Cable	5 m
Cat5e Ethernet Cable	5 m
Display stand	Table stand for landscape/portrait use
Protective/autocalibration sheet	1
Mounting rail bits	2 pcs
Warranty Card	
Quick Start Guide	
Product Manual	English version

- Practically limited by how many people can fit next to display array.

 Measured from touch to processed tracking data output. Overall latency is more and depends on the computer, operating system and application used.
- See Cornerstone data sheet for more details.
- 4) Allow at least two hours for temperature normalization before switching on.

 $Specifications \ subject \ to \ change \ without \ notice.$

* Not operational. Reserved for future use.

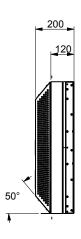


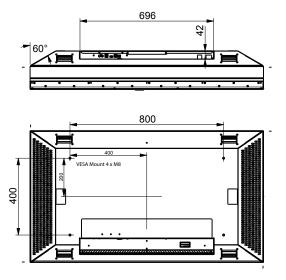
Dimensions

MT553UTB MultiTaction Cell 55" Full HD LCD UltraThin Bezel

All dimensions in millimeters







SCALE 0,100









/// For commercial enquiries, please contact:

MultiTouch Ltd: Email: sales@multitaction.com Phone: +358 45 630 8580

MultiTouch Americas: Email: sales-us@multitaction.com Phone: (888) 716 8584

MultiTouch Asia Email: sales-asia@multitaction.com Phone: +65 6513 9980

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