

MultiTaction® iWall Specifications

MultiTaction® iWall 3x4x55" Interactive Wall



MultiTaction® iWall

MultiTaction® iWall is an interactive video wall targeted to public spaces such as corporate lobbies, sales offices, city hot spots, product showcases or visitor centers.

Designed for continuous use, MultiTaction® iWall is a robust, turn-key solution that sets a new standard for interactive walls.

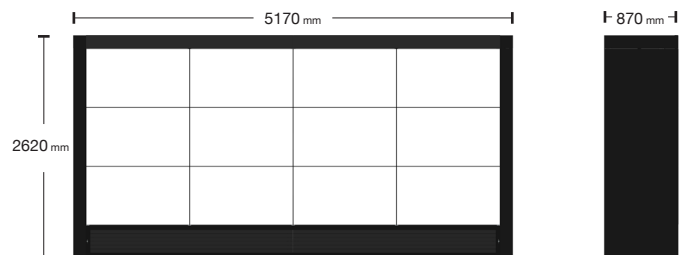
Highlights

- 12 x 55" MultiTaction® Cell with Ultra Thin Bezels
- Unlimited multiuser multitouch
- Built-in support for simultaneous touch and IR Pen
- Built-in support for MultiTaction Codice™
- Aluminum mounting and cooling structure with black side plates and access door.
- Running Windows 7 or Linux OS
- 4-channel speaker system with 2 subwoofers
- MultiTaction® Experience application with 5 day customization package
- On-site installation & training
- Pro Support for first year
- MultiTaction® Site Manager remote management software for first year



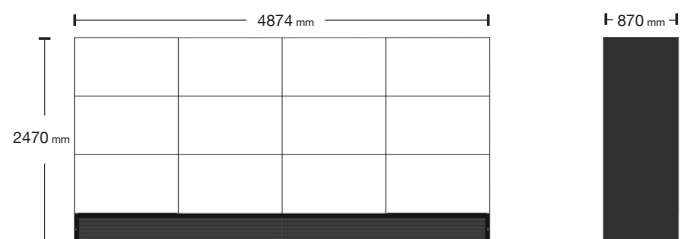
Dimensions Full MultiTaction® iWall system (MTIW-3x4)

The standard configuration for MultiTaction iWall includes full cladding of the system with black glass plates for premium look and durability. Both sides include hidden, lockable access doors for maintenance. The top hides four satellite speakers behind a grill for multichannel audio. In this configuration MultiTaction iWall can stand alone in the middle of open space.



Dimensions MultiTaction® iWall system in open frame configuration (MTIW-3x4OFO option used)

MultiTaction iWall can be built into custom interior structures, such as walls or custom structures. In this case the sides and the top are left out and designer must plan for maintenance access control and speaker placement.



Technical Specifications of MultiTaction® iWall System

Variants	
Full MultiTaction® iWall system	MTIW-3x4 MultiTaction® iWall 3x4x55" Interactive Wall
Option to remove 15 cm top section	MTIW-3x4TSRO MultiTaction® iWall 3x4x55" Interactive Wall Top Section Removal Option
Option for open frame configuration	MTIW-3x4OFO MultiTaction® iWall 3x4x55" Interactive Wall Open Frame Option
Dimensions	
Width	5170 mm/ 203.54 inches
Height	2620 mm/ 103.15 inches
Depth	870 mm/ 34.25 inches
Width (open frame)	4874 mm/ 191.89 inches
Height (open frame)	2470 mm/ 97.24 inches
Weight	1100 kg/ 2425 lbs
Display Specifications	
Displays	12 x MT553UTB MultiTaction® Cell Ultra Thin Bezel + 1 onsite spare unit
Display Size	55" 16:9 Wide
Native Resolution	7680 x 3240 px (Full HD 1920 x 1080 px per display)
Mullion	5.8 mm from pixel to pixel
Brightness	400 cd/m ²
Contrast Ratio	4000 : 1 typical
Touch and Interaction Specifications	
Touch Technology	MultiTaction® Computer Vision Through Screen
Tracking Speed	100 to 200 fps
Touch Input Types	Single finger, multiple fingers, single hand, multiple hands and users, objects with optical markers. Click, hold and drag
Hand Recognition	Each finger orientation recognized and fingers identified to certain hand
Object Recognition	Supported with 2D fiducial markers
Number of Simultaneous Touch Inputs	Unlimited
Number of Simultaneous Users	Unlimited (any number of separate hands)
Positional accuracy	2mm, directional compensation
Relative accuracy	Sub-pixel accuracy
Touch Latency	10 ms typical
Tracking Data Outputs/ APIs	Multi-Format Tracking Output: Low level C++, TUIO, XML stream, Windows Touch
Software Development Kit	Cornerstone 2.0 SDK included for C++/ OpenGL (Windows 7, Linux)
Mounting and Cooling Specifications	
Structure	Custom design heavy duty aluminum profile
Mounting	3D micro adjustable custom mounting
Cooling	Forced air with vertical ventilation channels (building HVAC connection recommended in closed spaces)
Side Panels	6 mm laminated black glass
Computer Specifications	
Computer	MTPCH12 MultiTaction® Server for up to 12 displays
PSU	2 x 1620 W redundant
CPU	2 x Intel Xeon 6-core 2600Mhz E5-2630 v2 (HT, 1600Mhz, 15MB)
Graphics	2 x AMD FirePro W9000 with FirePro S400 sync card
Memory	64 GB (8 x 8 GB 72-bit registered ECC DDR3 SDRAM DIMM 1866 MHz)
Mass Memory	2x 256 GB Solid State Drive RAID 1 2 x 2TB 7200rpm Hard Disk Drive RAID 1
Sound	8-channel Audio
Operating System	Windows 7 Pro or Ubuntu Linux
Sound Specifications	
Speaker System	4 channels (4 satellites, 2 subwoofers)
Networking Specifications	
Internal LAN	24 port Gigabit Ethernet switch
Wireless	WiFi for management access locally
VPN	VPN available for remote support
Power	
Power Consumption	4.5 kW typical, 7 kW maximum
Software	
iWall application	Customizable MultiTaction® Experience
Software Development Kit	MTCS2SDK MultiTouch Cornerstone 2 Software Development Kit
Management Software	12 x MTSM1C1Y MultiTaction Site Manager Yearly License for one Cell
Included Service Items*	
Installation	MTPSI12 MultiTaction Onsite Installation Package for 7-12 Cells
Product Support	12 x MTPSPS MultiTaction Cell Pro Support, 1 year
Customization	MTPSTC Cornerstone Template Application Customization Package, 5 days
Warranty	One year limited warranty
*Shipping and travel expenses not included	
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