



MultiTaction® iWall Specifications

MultiTaction® iWall 3x4x55" Interactive Wall

MultiTaction® iWall 3x3x55" 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" or 9 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™ for person identification
- Built-in support for MultiTaction Enriched Reality™ for interacting with objects
- Aluminum mounting and cooling structure with black side plates and access door
- Running Windows 7 or Linux OS
- Multichannel speaker system with subwoofers
- MultiTaction® Experience application with 5 day customization package
- On-site installation & training
- MultiTaction® Standard Support and Maintenance Plan for first year
- MultiTaction® Site Manager remote management software for first year





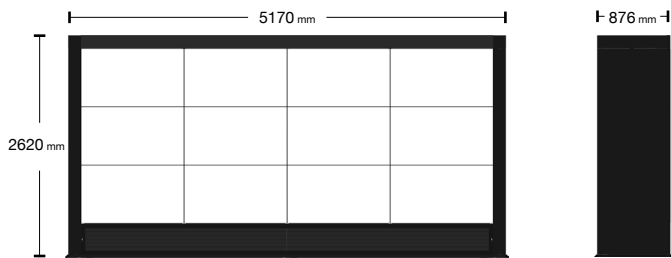
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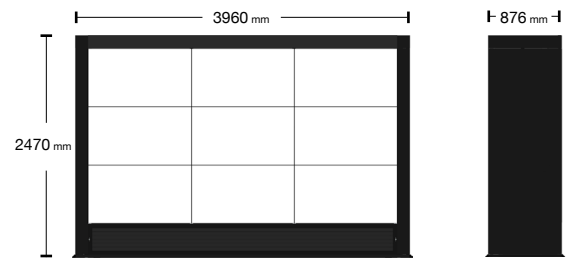
Available MultiTaction® iWall Sizes

3*4 MultiTaction iWall®



Full MultiTaction® iWall system (MTIW-3x4)

3*3 MultiTaction iWall®

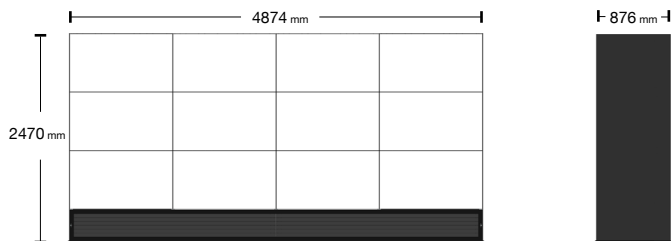


Full MultiTaction® iWall system (MTIW-3x3)

Full MultiTaction iWall® System

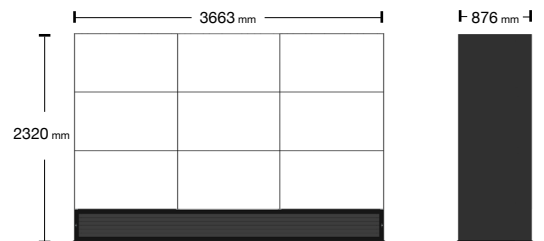
The standard configuration for MultiTaction iWall includes full cladding of the system with black glass plates for premium look and durability. Both sides include hidden, lockable access doors for maintenance. The top hides four satellite speakers behind a grill for multichannel audio. In this configuration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

3*4 MultiTaction iWall®



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

3*3 MultiTaction iWall®



MultiTaction® iWall system in open frame configuration (MTIW-3x3OFO option used)

MultiTaction iWall® System in Open Frame Configuration

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.



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Technical Specifications of MultiTaction® iWall System

Variants	3x4 iWall	3x3 iWall
Full MultiTaction® iWall system	MTIW-3x4 MultiTaction® iWall 3x4x55" Interactive Wall	MTIW-3x3 MultiTaction® iWall 3x3x55" Interactive Wall
Option to remove 15 cm top section	MTIW-3x4TSRO MultiTaction® iWall 3x4x55" Interactive Wall Top Section Removal Option	MTIW-3x3TSRO MultiTaction® iWall 3x3x55" Interactive Wall Top Section Removal Option
Option for open frame configuration	MTIW-3x4OFO MultiTaction® iWall 3x4x55" Interactive Wall Open Frame Option	MTIW-3x3OFO MultiTaction® iWall 3x3x55" Interactive Wall Open Frame Option

Dimensions	3x4 iWall	3x3 iWall
Width	5170 mm/ 203.6 inches*	3960 mm / 155.9 inches *
Height	2620 mm/ 103.2 inches	2470 mm / 97.2 inches
Depth	876 mm/ 34.5 inches*	876 mm / 34.5 inches *
Weight	1100 kg / 2430 lbs	900 kg / 1980 lbs
Width (open frame)	4874 mm / 191.9 inches	3663 mm / 191.9 inches
Height (open frame)	2470 mm / 97.2 inches	2320 mm / 91.3 inches
Weight (open frame)	900 kg / 1980 lbs	750 kg / 1650 lbs

* Without the floor mop-board. Mop board adds 40mm on each side.

Mounting and Cooling Specifications	3x4 iWall	3x3 iWall
Structure	MTS553-3x4L MultiTaction Stand 3x4 Landscape for MT553UTB	MTS553-3x3L MultiTaction Stand 3x3 Landscape for MT553UTB
Structure (open frame)	MTS553-3x4LOF MultiTaction Stand 3x4 Landscape for MT553UTB Open Frame	MTS553-3x3LOF MultiTaction Stand 3x3 Landscape for MT553UTB Open Frame
Mounting	3D micro adjustable custom mounting	
Cooling	Forced air with vertical ventilation channels (building HVAC connection recommended in closed spaces)	
Side Panels	8mm glossy black panels. (not included in open frame configuration)	

Display Specifications	3x4 iWall	3x3 iWall
Displays	12 x MT553UTB MultiTaction® Cell Ultra Thin Bezel + 1 onsite spare unit	9 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)	5760 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	3x4 iWall & 3x3 iWall
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)



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Technical Specifications of MultiTaction® iWall System

Computer Specifications	3x4 iWall & 3x3 iWall	
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	500 GB Solid State Drive	
Sound	8-channel Audio	
Operating System	Windows 7 Pro or Ubuntu Linux	
Networking Specifications	3x4 iWall & 3x3 iWall	
Internal LAN	24 port Gigabit Ethernet switch	
Wireless	WiFi for management access locally	
VPN	VPN available for remote support. Depends on client IT infrastructure.	
Sound Specifications	3x4 iWall	3x3 iWall
Speaker System	4 channels (4 satellites, 2 subwoofers)	2 channels (2 satellites, 1 subwoofer)
Power	3x4 iWall	3x3 iWall
Power Consumption	6.5 kW typical, 8 kW maximum	5.2 kW typical, 6.6 kW maximum
Software	3x4 iWall	3x3 iWall
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	9 x MTSM1C1Y MultiTaction Site Manager Yearly License for one Cell
Included Service Items*	3x4 iWall	3x3 iWall
Installation	MTPSI12 MultiTaction Onsite Installation Package for 7-12 Cells	
Product Support	MTIWSMP-3x4 MultiTaction iWall Standard Support and Maintenance Plan, 1 year. Extendable to three years.	MTIWSMP-3x3 MultiTaction iWall Standard Support and Maintenance Plan, 1 year. Extendable to three years.
MultiTaction Experience Application Customization	MTPSTC Cornerstone Template Application Customization Package, 5 days	
Warranty	One year limited warranty	

*Shipping and travel expenses not included

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