baanto™
THE FUTURE OF TOUCH

Modular DV LED Video Wall Touch System



Bring Your Direct View LED Video Wall to Life

With the Baanto DV LED Modular Touch System, the whole is truly greater than the sum of its parts.

Using patented ShadowSense™ technology, the DV LED Modular Touch System is the industry's first and only truly modular solution that allows frames of any size to be assembled, providing high-performance multi-touch capabilities to video walls composed of Direct View LED Displays.

No more costly installation and service calls. The Modular Touch System is field-installable, requiring minimal tools. The touch frame designed to attach directly to each DV LED cabinet so any piece can be removed and replaced without affecting the rest of the system. What's more, with native support for all major operating systems, it really is as simple as plug and play.

Targeted at command and control, broadcast studio, museum, corporate experience centers, large retail, stadium and rental applications, the Modular Touch System makes is easy and cost effective to add a whole new dimension to your video display wall.

ShadowSense™

Key Features

Fast, Accurate, Repeatable

With sub-10 ms response times and sub-2 mm touch accuracy, every touch point is independently tracked to provide a seamless experience.

Easy Assembly

Components can all be assembled using just one tool. Servicing is made easy since individual pieces can be removed and replaced without disturbing the rest.

Ambient Light Immunity

Provides an unparalleled degree of immunity to high brightness and changing light intensities, even working in direct sunlight and studio environments.

Highly Scalable

Modular structure allows the frame to scale from a basic 2x1 configuration and beyond, both cost effectively and without sacrificing performance.

Palm Rejection

Sensing the size of an object permits control over what is recognized as a valid touch versus an unintentional touch, allowing for spurious touch and palm rejection.

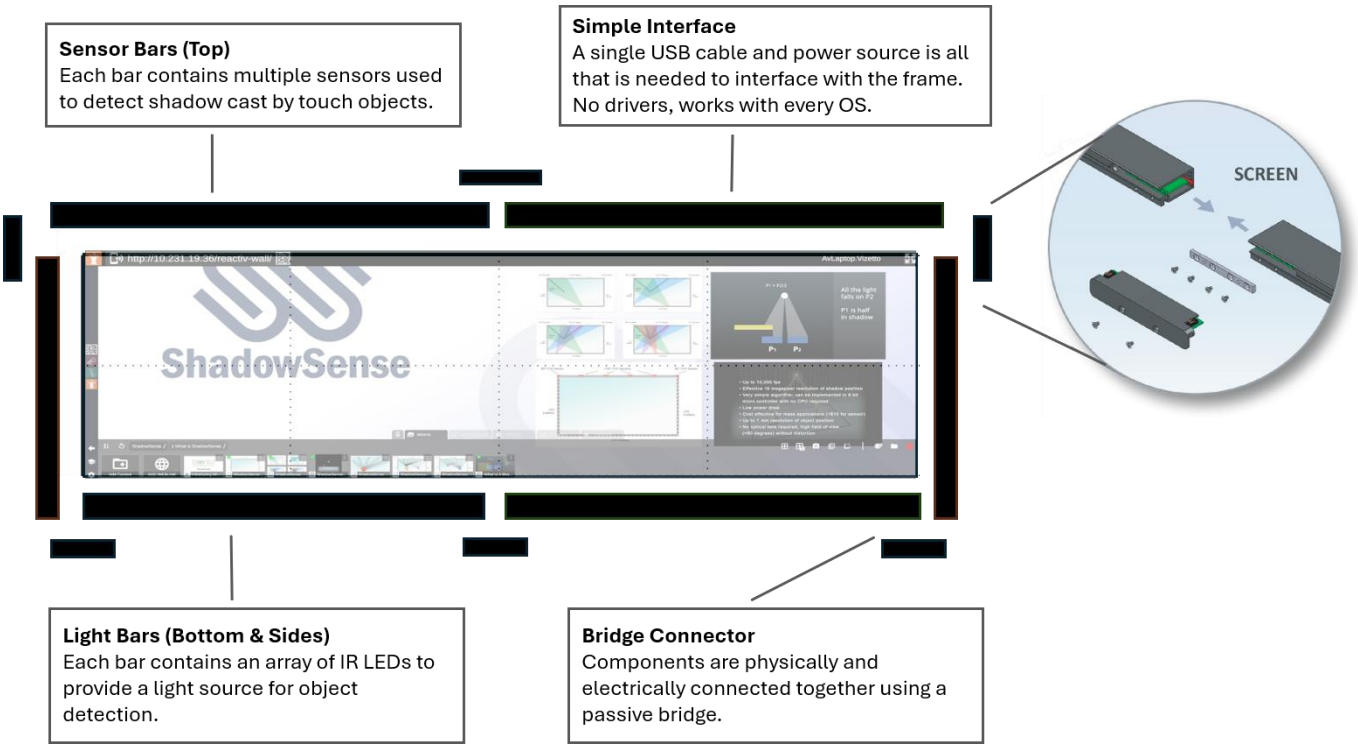
Comprehensive Diagnostics

Baanto Dashboard provides immediate feedback of LED functionality allowing for quick and easy troubleshooting, as well as remote monitoring.

Driverless Interface

Requires no drivers or touch detection applications running on the host CPU making it ideal for low power CPU's and media players.

Innovative Architecture



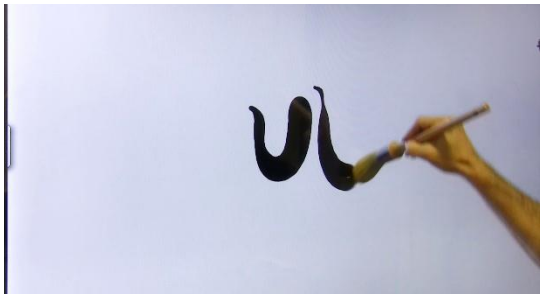
Unique Capabilities



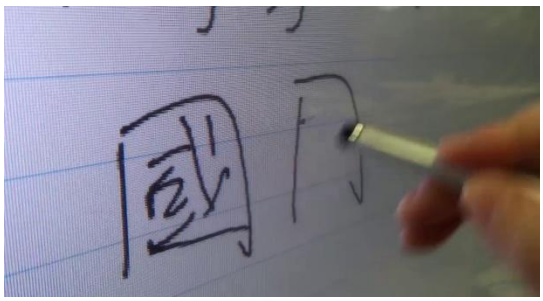
Full Sunlight Immunity – ideal for atriums with large windows, direct sunlight, and broadcast studio lights.



MPP and Windows Ink compliant stylus and eraser – automatically detects touch, stylus and eraser for seamless operation in any app.



Ability to detect size and shape, reports size of touching object for object detection and touch filtering



High performance, low latency touch and pen allow for natural interaction with even large area touch screens

Dashboard Configuration and Monitoring Tool

Unleash the Power Within ShadowSense

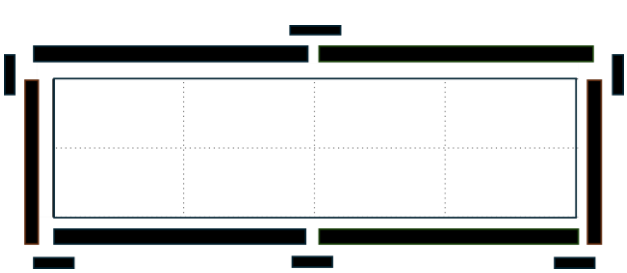
An industry first, Dashboard provides users with the ability to easily configure and modify the touchscreen behaviour. Dashboard allows the user to adjust the performance and touch characteristics of the touchscreen to provide spurious touch and palm recognition, debris and static object recognition, rain and fluid cancellation, and touch object characterization.

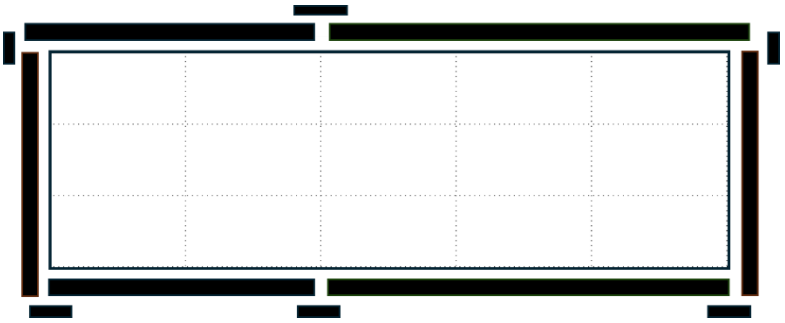
Also included with Dashboard, are comprehensive monitoring capabilities that allow users to quickly assess the health of their ShadowSense frames, ensuring 24/7 operation of the most critical applications.



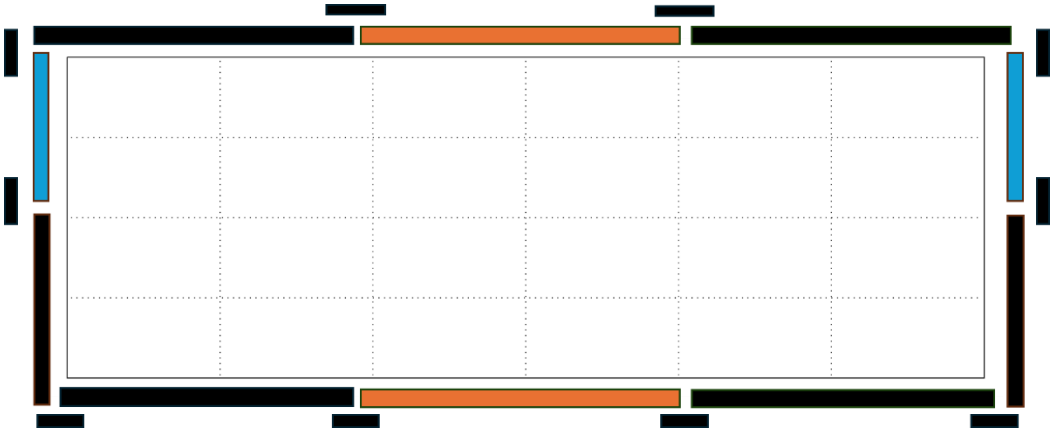
Modular Expansion

Start with Odd/Even Horizontal/Vertical Base





Add Horizontal and Vertical Expansion Kits



Specifications

Touch	
Touch Points	20 points – expandable to 40 points
Touch Method	Finger, gloved hand, stylus or any other physical object (with palm rejection)
Pen & Eraser	MPP 2.0 Compliant stylus and eraser, Windows Ink compliant
Latency	10ms nominal latency
Electrical	
Power Supply	12 V/2.5 A (North American P/S included with Command Bar)
Other	
Interface	USB 2.0 HID compliant (no driver required)
Operating System	Windows 10/8/7 (including embedded versions), Mac OS X, Linux (Ubuntu, Fedora), Android

Ordering Information

	Ordering SKU	Description
1	SDW-DVMTS-2-1200-16-HCMD-00	Horizontal top left touch frame kit that includes the command bar and the bottom left light bar, and associated components
2	SDW-DVMTS-2-1200-16-HEND-00	Horizontal top right touch frame kit that includes the 2-cabinet wide sensor end, the 2-cabinet wide bottom right light bar, and associated components
3	SDW-DVMTS-3-1800-16-HEND-00	Horizontal top right touch frame kit that includes the 3-cabinet wide sensor end, the 3-cabinet wide bottom right light bar, and associated components
4	SDW-DVMTS-2-676-16-VEND-00	Vertical side touch frame kit that includes the 2-cabinet tall light bar ends for the left and right side, and associated components
5	SDW-DVMTS-3-1014-16-VEND-00	Vertical side touch frame kit that includes the 3-cabinet tall light bar ends for the left and right side, and associated components
6	SDW-DVMTS-2-1200-16-HEXP-00	Horizontal touch frame expansion kit that includes the 2-cabinet wide light bar and sensor bar expansion segments for the top and bottom, and associated components
7	SDW-DVMTS-2-676-16-VEXP-00	Vertical side touch frame expansion kit that includes the 2-cabinet tall light bar expansion segments for the left and right side, and associated components