baanto™
THE FUTURE OF TOUCH

POWERED BY

ShadowSense™

Multi-Touch Frames for Conferencing and Collaboration

Baanto ShadowSense based large format touch frames deliver innovative, high performance multi-touch capabilities for large format displays. This is the perfect solution for business and learning environments that require full Windows® 8/10 compatibility for edge swipes (Charms) and native support for pen computing applications.

ShadowSense requires no drivers or touch detection applications running on the host CPU making this technology an outstanding solution for cost sensitive applications using low power CPU's and media players.

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

A perimeter based sensor design decouples the touch function from the protective glass providing improved optical and environmental performance, and better immunity to surface debris and scratches.

Targeted at meeting, conferencing and collaboration applications, the worldwide agency approvals and certifications simplify your integration and product approval efforts.

Key Features

- True 10 point multi-touch performance

- Oversized frame for edge swipes (Windows® Charms)

- High Performance
  - Sub-10 ms response time
  - Sub-2 mm touch point accuracy
  - 4K (4096x4096) touch resolution
  - No ghosting or dead zones
  - Outstanding ambient light rejection up to full sunlight (10,000 foot-candles)

- Fully Featured
  - Real-time touch area data provided for all touch points
  - Senses solid objects 4 mm or greater in diameter
  - Static object detection and rejection
    - Continues to function with debris on the screen
  - Configurable hover distance for touch detection
  - Configurable spurious touch and palm rejection
  - Configurable pen and eraser recognition

- USB HID interface to host
  - Windows® 7, 8 and 10 compliant packet formats
  - No drivers or CPU based algorithms

- Calibration free
  - Mechanically and thermally stable

Electrical Specifications

Power	Average: 6.1 W (@ 12 V DC) Peak: 8.9 W (@12 V DC)

Environmental Specifications

Temperature	Operating: -10°C to +70° (contact us for commercial and industrial operating temperatures) Non-Operating: -20°C to 80°C
Humidity	Operating: 5% to 90% RH non-condensing Non-Operating: 5% to 90% RH non-condensing
Altitude	Operating: Sea level to 10,000 feet Non-Operating: Sea level to 30,000 feet

Mechanical Specifications

Diagonal	Active: 81.3", 16:9 aspect ratio
Height	Active: 1015.84 mm Non-Active: 1073.84 mm
Width	Active: 1796.88 mm Non-Active: 1854.88 mm
Thickness	13.25 mm

Miscellaneous Specifications

Operating System	Windows 10/8/7 (including embedded versions), Mac OS X, Linux (Ubuntu, Fedora), Android

Ordering Information

SDW-813W1-M6L-I50-S0-PRD

(Large format fames do not include a glass covering)

Accessories

SDW-STY-GN-R11.5X1-SR	Passive Stylus
SDW-ERS-GN-R6X2-GY	Passive Eraser