



## The Industry's Thinnest Multi-Touch Frame

Measuring just 3.4 mm from glass to frame surface, the Baanto Slim Touch is the thinnest multi-touch frame on the market. Combining the industry proven performance of ShadowSense with a minimalist bezel design allows the Slim Touch to be utilized in multi-touch applications typically exclusive to projective capacitive technology.

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 Configuration Dashboard provides customers the ability to easily implement 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 embedded applications in Kiosk, Gaming, ATM, and Control and Monitoring, the worldwide agency approvals and certifications simplify your integration and product approval efforts.

### Key Features

- True 5 point multi-touch performance
- Slim 3.4 mm glass to frame surface
- High Performance
  - Sub-10 ms response time
  - Sub-2 mm touch point accuracy
  - 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
- 3 mm tempered glass with 91% optical clarity
- USB HID interface to host
  - Windows® 10, 8, and 7 compliant packet formats
  - No drivers or CPU based algorithms
- Calibration free
  - Mechanically and thermally stable



# SDW-238W1 - 23.8" Slim Bezel Multi-Touch Solution



## Electrical Specifications

Power	Average: 2.0 W (@ 5 V DC) Peak: 4.0 W (@ 5 V DC)
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## Environmental Specifications

Temperature	Operating: 0°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: 23.8", 16:9 aspect ratio
Height	Active: 230.4 mm Non-Active: 260.5 mm
Width	Active: 306.4 mm Non-Active: 343.0 mm
Thickness	Glass to frame: 3.4 mm Entire frame including glass: 6.2 mm

## Miscellaneous Specifications

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

**SDW-238Z1-M5T-CZ1-XX-PRD**

### Accessories

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



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