



## Built for Mission Critical Operations

With its industry leading responsiveness, object recognition and robust design, ShadowSense offers unparalleled features and scalability for the most demanding government, defense and military needs.

ShadowSense is an innovative and patented multi-touch technology that uses high performance sensors operating in the analog domain to provide dependable performance, accuracy and reliability.

A perimeter based sensor design, ShadowSense decouples the touch function from the protective glass providing improved optical performance, and better immunity to surface debris and scratches. Furthermore, the redundant architecture ensures that functionality is maintained even through the degradation or damage of system components.

ShadowSense products are tested under extreme temperature, humidity, altitude, shock and vibrational conditions.

Targeted at in-vehicle control, situation rooms, command and control, and training and field applications, the worldwide agency approvals and certifications simplify your integration and product approval efforts.

## Key Benefits



### Fast, Accurate, Repeatable

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



### Input Agnostic

Recognizes the shape, size and pressure of any object whether it's bare fingers, combat gloves, a stylus or even tactical tools.



### Ambient Light Immunity

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



### Frame Based Design

Perimeter based technology provides class leading optical clarity and ensures that touch is impervious to scratches, dust or debris on the screen.



### 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.



### EMI Shielded

Enclosed entirely within the frame and independent of the glass surface, all electronics are completely isolated from potentially sensitive equipment.



### Driverless Interface

Requires no drivers or touch detection applications running on the host CPU making it quick and easy to swap out components in the field.

## Product Portfolio

### Slim Touch Series

- 5 point multi-touch overlay
- Ultra low-profile 3.2 mm high bezel
- Impervious to surface scratches, debris and liquids
- Sizes from 15" and above



### Midsized Series

- 5 point multi-touch overlay
- Open frame design fits common displays
- 3 mm tempered glass with 91% optical clarity
- Sizes from 15" to 22"



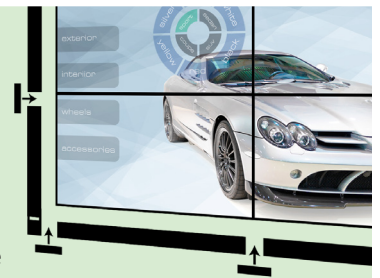
### Large Format Series

- 10 point multi-touch frames
- High ambient light immunity
- Supports passive pen and eraser inputs
- Sizes from 31" to 98"



### Modular Touch Series

- Modular multi-touch frame
- Fits large video walls using thin bezel displays
- Easy to transport, install and service
- Sizes up to 267"



## Our Trusted Partners

**NEC**

**RICOH**

**Panasonic**



**TSI** *touch*

**utouch**

**ESTECOM** 

**PRESTOP**  
PRODUCTS

**OPTIKA**  
A STRATACACHE COMPANY

**YOUTOUCH**  
TECHNOLOGIES

**AVNET**

**canvys**  
visual technology solutions  
A Division of Richardson Electronics

**anders** *dx*

All specifications and data presented herein are subject to change without advance notice. Please ensure you have the latest detailed specifications and drawings from Baanto prior to commencing any design with or use of Baanto products.

Baanto™ and ShadowSense™ are trademarks of Baanto International Limited. © 2017 Baanto International Ltd. All other product names mentioned are the trademarks of their respective owners.

