WhiteBoardScreen™ Thin Edge Series

Section 1: Screen Design

1.1 What is it for?

WhiteBoardScreen™ Thin Edge is a revolutionary projection screen with dry erase capabilities. This 2 in 1 product eliminates the need to purchase two separate products. It was designed to allow the ability to project presentations while also being able to write on the surface as a standard whiteboard. It is compatible with standard and ultra/short-throw projectors while providing a clear color reproduction for limitless training/classroom applications.

The 5mm thin-edge design serves two purposes. First, it protects the screen’s exterior while its thin stature enables the instructor to maximize presentation space. Second, it has a more aesthetically pleasing appearance that also supports a utility tray needed to accommodate interactive projector sensors and accessories.

1.2 How does it work?

The WhiteBoardScreen™ Thin Edge uses Elite’s VersaWhite 1.1 Gain material. This unique material works just like a standard matte white front projection surface to eliminate the typical “glare” experienced when projecting on to a standard glossy whiteboard surface. The VersaWhite surface has a wide viewing angle and is a full lambertian diffuser. Colors are neutral as they should be while maintaining contrast levels. The material is coated with a nanotech resin that allows the screen surface to also serve as a dry-erase board.

Section 2: Product Features

2.1 Characteristics

Screen Material

- VersaWhite 1.1 Gain projection surface is coated with a transparent nanotech dry-erase layer
- Provides true color reproduction and contrast enhancement over conventional whiteboard
- Wide diffusion uniformity allows viewers to see a bright clear picture from any angle
- No “glare” effect on projection surface
- GREENGUARD® AND GREENGUARD® Gold (UL 2818) certified for safe indoor emissions
Design and Installation

- Designed for collaborative classrooms, boardrooms, conference rooms, and training facilities
- Cutting-edge design combines projection screens and dry-erase board into one space saving economical product
- Ideal for ultra short-throw projectors for interactive projector functions
- Standard wall mount brackets included
- Includes a heavy-duty pen tray, dry-erase pens, erasers, and cleaning solution

2.2 Certifications

![GOLD](https://www.greenguard.org)

2.3 Model Numbers

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Diagonal Size</th>
<th>Aspect Ratio</th>
<th>View Height (in)</th>
<th>View Width (in)</th>
<th>Screen Material</th>
<th>Gain</th>
<th>Case Color</th>
<th>Net Weight (lbs)</th>
<th>Gross Weight (lbs)</th>
<th>Packaging Dimensions (LxHxW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB90XW1</td>
<td>90&quot;</td>
<td>16:10</td>
<td>47.2</td>
<td>76</td>
<td>VersaWhite</td>
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<td>Black</td>
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<td>71.5</td>
<td>81.5&quot;x3.9&quot;x54.7&quot;</td>
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<tr>
<td>WB97HW1</td>
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<td>127.2&quot;68.5&quot;x5.1&quot;</td>
</tr>
</tbody>
</table>

Section 3: Screen Material Specifications

3.1 Characteristics

Dry-Erase Front Projection Screen Material **VersaWhite** performs as versatile as a Matte White screen material with the addition of being a dry-erase surface as well. The surface is coated with a scratch-resistant nanotech resin and transparent dry-erase layer for use as a whiteboard while keeping uniform diffusion and enhancing true color rendition.
3.2 Features & Benefits
- Gain: 1.1
- Viewing Angle: 180° (90° L/R)
- Cleans as easy as a standard whiteboard
- Contrast enhancements improve picture black levels for greater resolution and balanced color temperature
- Coated with a transparent optical nanotech dry-erase layer
- No “glare” effect on projection surface
- Compatible with ultra/short-throw and standard throw projectors
- Mildew resistant
- GREENGUARD® AND GREENGUARD® Gold (UL 2818) certified for safe indoor emissions

3.3 Gain and Viewing Angle Chart
Section 4: Execution

4.1 Submittals

<table>
<thead>
<tr>
<th>Hardware and Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Wall Screws x 12</td>
</tr>
<tr>
<td>b. Hollow Wall Anchors x 12</td>
</tr>
<tr>
<td>c. Top Hanging Brackets x 2</td>
</tr>
<tr>
<td>d. Bottom Hanging Brackets x 2</td>
</tr>
<tr>
<td>e. Eraser x 1</td>
</tr>
<tr>
<td>f. Dry-erase markers x 2</td>
</tr>
<tr>
<td>g. Cleaning Solution x 1</td>
</tr>
<tr>
<td>h. White foam x 1</td>
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<tr>
<td>i. M4 screws x 2</td>
</tr>
<tr>
<td>j. Tray hanging brackets x 2</td>
</tr>
<tr>
<td>k. Tray x 1</td>
</tr>
</tbody>
</table>

4.2 Precautionary Notes

Before using the dry-erase function of your whiteboard screen, please make note of the following instructions to properly maintain and clean your dry-erase surface projection screen. *These Whiteboard cleaning tips are just as relevant with any dry-erase writing surface as they are with our Whiteboard-Projection Screens.*

For a video demonstration, please visit:
http://www.elitescreens.com/whiteboardscreen-cleaning

1. Only use a **high-density foam eraser** when removing dry-erase markings from the *WhiteBoardScreen™*.
2. **Do not** use abrasive erasers as these may scratch the surface of the screen and will not erase dry-erase pen markings on the *WhiteBoardScreen™* surface.
3. **Never** spray the whiteboard cleaning solution onto the surface while marker writing is present and then attempt to use a high density foam eraser to remove. This will only smear the dry-erase marker ink making the surface more difficult to clean and will likely ruin the foam eraser.
4. If there are any dry-erase markings left behind even after attempting to remove them using our high density erasers, spray our whiteboard cleaning solution directly onto the screen surface and use only a soft microfiber cloth to wipe-down and clean the area.
4.3 Installation

**Step 1:** Mark the location the WhiteBoardScreen™ will be installed and drill your holes for all of the Top Hanging Brackets (c). Once the holes have been drilled, insert and screw the wall screws (a) as shown below. It is strongly recommended to install the WhiteBoardScreen™ on wood studs for added stability. If the location does not have wood studs, then use the included hollow wall anchors (b).

**Step 2:** Hang the WhiteBoardScreen™ on the Top Hanging Brackets, making sure the top lip inserts into the rail on back of the frame.

**Step 3:** Next, attach the Bottom Hanging Brackets (d) to the bottom frame, again making sure the lip of the bracket inserts in the rail. Then, drill holes according to the holes on the bottom brackets to insert and screw the wall screws to secure the bottom hanging brackets to the wall.

**Pen Tray Installation**

**Step 4:** Line up the Tray Hanging Brackets (j) with the bottom screw holes of the bottom hanging brackets (b). Then, mark and drill the holes and install brackets to the wall.
Minimum clearance requirement for pen tray installation diagram

Leave a minimum \((0.46"/11.75 \text{ mm})\) between the top of the pen tray bracket and the bottom of the whiteboard edge to allow the pen tray enough room to attach to the

**Step 5:** Attach the pen tray on the tray hanging bracket as shown in the steps below.

**Step 6:** Use the **M4 screws** (i) to lock and secure the pen tray to the brackets.
### Section 5: Product Specifications

#### 5.1 Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Diagonal (A)</th>
<th>Overall Width (A)</th>
<th>Viewable Width (A1)</th>
<th>Tray (A2)</th>
<th>Viewable Height (B)</th>
<th>Overall Height (B)</th>
<th>Viewable Height (B1)</th>
<th>D</th>
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**Unit: mm**

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Diagonal (A)</th>
<th>Overall Width (A)</th>
<th>Viewable Width (A1)</th>
<th>Tray (A2)</th>
<th>Viewable Height (B)</th>
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**Unit: inch**

The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator’s discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations.
5.2 Drawings
5.3 Pictures

*WhiteBoardScreen™ Thin Edge* with Eraser and Dry-erase markers on Pen Tray

Close Up of Pen Tray

*WhiteBoardScreen™ Thin Edge* Left Angle with Pen Tray
Close Up of Thin Edge

WhiteBoardScreen™ Thin Edge Sizes

Hardware Kit
Section 6: About the Company

6.1 Company Description reference

*Elite Screens Inc.* is a California based company that specializes in making quality commercial and home-theater projection screens for the retail and custom install sales channels. Our company began as an innovative venture into the projection market by manufacturing veterans from the AV/IT industry. Elite Screens quickly established itself as an entry level commercial and home theater screen manufacturer. This was accomplished by making a quality product cost effective with a focus on mass-producing screen material, sizes and aspect ratios that were most commonly preferred by AV customers in general. We focused on uniformity with what would match the mainstream demographic while including extra features that are not usually included by other manufacturers. In time, we progressed from just retail sales into the realm of custom installer/integrator manufacture as our numerous reviews and awards will attest. We stand behind our product and are so certain of customer satisfaction with the quality of our product that we offer a 2-year manufacturer's warranty which is twice the industry standard.

In our continued devotion to excellence in products and service, we are committed to implementing green practices with our production. We have adopted manufacturing methods that promote conservative regulation of our energy needs. Our simple product designs combined with the expertise of our permanent staff ensures that our entire line of products are made by experienced hands devoted to the high standards of today’s audio-video consumer.

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