SMART Board™ Interactive Whiteboard System

Specifications – Model 660i2

Physical Specifications

Unifi™ 45 Projector System

**Total Size**
18 1/2" W × 15 1/2" H × 39 1/2" D  
(47 cm × 39.4 cm × 100.3 cm)

**Extended Control Panel**
11" W × 7 5/8" H × 2 3/8" D  
(27.9 cm × 19.4 cm × 6 cm)

**Remote Control**
1 3/4" W × 1 1/4" H × 4 1/4" D  
(4.4 cm × 3.2 cm × 10.8 cm)

**Weight**
32 lb. (14.5 kg)

**Shipping Size**

- **Accessory Box**
  53 1/8" W × 14 3/4" H × 14 1/8" D  
  (134.9 cm × 37.5 cm × 35.9 cm)

- **Projector Box**
  17 1/2" W × 14 1/2" H × 10 3/4" D  
  (44.5 cm × 36.8 cm × 27.3 cm)

**Shipping Weight**
51 lb. 8 oz. (23.4 kg)

SMART Board™ 660 Interactive Whiteboard

**Size**
54 3/4" W × 41 5/8" H × 5 1/8" D  
(139.1 cm × 105.7 cm × 13 cm)

**Active Screen Area**
51 1/4" W × 38 1/4" H  
(130.2 cm × 97.2 cm)
64" diagonal (162.6 cm)

**Weight**
21 lb. 14 oz. (9.9 kg)

**Shipping Size**
46" W × 64 1/2" H × 5 1/2" D  
(116.8 cm × 163.8 cm × 14 cm)

**Shipping Weight**
35 lb. (15.9 kg)

Standard Features

**Software**
SMART Notebook software included. See the SMART Notebook software specifications for a complete list of system requirements. Software upgrades are available at www2.smarttech.com/st/en-US/Support/SBS/.

**Certifications and Compliance**
CSA (U.S./Canada), CB, CE, FCC, RoHS (China), RoHS (Europe), WEEE, VCCI (Japan), C-Tick (Australia).

**Warranty**
The projector and extended control panel (ECP) have a three-year limited equipment warranty. The Unifi 45 projector lamp has a 500 hour/90 day warranty. The interactive whiteboard has a two-year limited equipment warranty or a five-year limited equipment warranty upon registration. See warranty documents for details.

**Cables**
Includes the necessary cables to connect the projector to the extended control panel. However, you must supply the appropriate input cables for your personal computer and devices.
Interactive Whiteboard Features

Pen Tray
Optical sensors in the pen tray detect when you lift a pen or the eraser from the tray. LED lights show the active tool.

Pens and Eraser
A rectangular eraser and black, blue, red and green pens

Resolution
Touch resolution is approximately 4000 × 4000.

Screen Surface
The hard-coated polyester surface is tear proof, optimized for projection, compatible with dry-erase markers and cleans easily with whiteboard cleaner.

Digitizing Technology
Resistive technology

Frame Finish
Two-tone gray (approximates Pantone® Charcoal Gray 18-0601 TPX) and Ultrasonic Chrome (approximates metallic Pantone 877C)

Wall-Mount Bracket
32” (81.3 cm) wide with five screws and drywall anchors to support a wall-mounted interactive whiteboard

Projector Mounting
The template ensures simple installation and accurate alignment between the Unifi 45 projector and your SMART Board 660 interactive whiteboard.

Installation Instructions
Do not use the SMART Board 660 interactive whiteboard instructions when installing the SMART Board 660i2 interactive whiteboard system. The installation instructions for the SMART Board 660i2 interactive whiteboard system are included with the Unifi 45 projector.

Theft Prevention
The SMART Board 660 interactive whiteboard features a pen tray locking feature and a Kensington lock on the pen tray.

Unifi 45 Projector System Features

System Components
Unifi 45 projector, boom mount with a limit strap (including a controlled-collapse feature), extended control panel (ECP), remote control and all necessary input cables from the ECP to the projector

Image Adjustment
The mounting boom includes five mechanical adjustments for aligning the projector image with your SMART Board interactive whiteboard. The projector also has a focus lever and a digital on-screen menu for brightness, contrast and other image-related attributes.

Display Type
True XGA 1024 × 768 projector

Display Technology
The projection engine uses DLP® technology by Texas Instruments®, providing brilliant color performance and quality Gamma 2.2 correction with High Brightness, Standard, and True Color modes.

Brightness
Estimated at 2000 lumens (typical) at a CCT of 6500 K by the IEC method

Lamp Life
2000 hours (High Brightness mode) or 3000 hours (Standard mode)

Aspect Ratio
4:3 native, with support for 16:9, 16:10 and 4:5 ratios

Contrast Ratio
2000:1

Video System Compatibility
NTSC, NTSC 4.43, PAL, PAL60, PAL-B, PAL-N, PAL-M, SECAM

Video Interface Compatibility
Composite, S-video, and VESA RGB, with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included)

Video Format Compatibility
Native 4 by 3 aspect ratio XGA projector resolution. With scaling, VGA, SVGA, SXGA, QuadVGA, SXGA+ and UXGA formats are supported.

Synchronization
Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)
### Specifications – Model 660i2

<table>
<thead>
<tr>
<th>Mounting Hardware</th>
<th>Hardware is included for mounting the Unifi projector and the ECP to framed and solid walls. A safety tether and limit strap are included.</th>
</tr>
</thead>
</table>
| Input/Output Connections | Two HD DB15F connectors – RGB video input from computer and/or ECP via VGA connectors  
HD DB15F connector – video output  
4-pin mini-DIN connector – S-video input  
One pair of audio jacks (RCA, stereo) reserved for use with S-video  
Composite video connector – RCA-style video input  
One pair of audio jacks (RCA, stereo) reserved for use with composite video  
3.5 mm stereo jack – audio input with dual signal analog mixer  
3.5 mm stereo jack – audio output to connect speakers  
DB9M - serial (RS-232) for power and communication to the ECP |
| Projector Noise | 33 dBA (High mode) or 28 dBA (Standard mode) |
| Power Requirements | 100V AC to 240V AC, at 50 Hz to 60 Hz |
| Power Switch | Master power control switch |
| Power Cable | One 14’ 9” (4.5 m) power cable included |
| External Control | The RS-232 connector is configured to accept control codes from your computer or a room control system. |
| Power Consumption | 470 W to 504 W maximum. 5 W (estimated) in Standby mode |
| Remote Control | Provides an alternate method of controlling the Unifi 45 projector settings. |
| Theft Protection | The Unifi 45 projector system features optional security screws on the projector plate and an optional padlocked ring to safeguard the adjustment knob. The projector won’t function when the padlocked ring is removed from the system because the projector is designed to operate only when it’s attached to the boom. |

### Extended Control Panel (ECP) Features

| Input/Output Connections | HD DB15F connector – RGB video from computer  
HD DB15F connector – RGB video to projector  
DB9F – serial (RS-232) computer or room control connection  
DB25M – provides input signals and control signals to the projector  
4-pin mini-DIN connector – S-video input  
One pair of audio jacks (RCA, stereo) reserved for S-video  
Composite video connector – RCA-style video input  
One pair of audio jacks (RCA, stereo) reserved for composite video  
3.5 mm stereo jack – audio input |
| Input Selection Buttons | Provide control for the following input types: S-video and associated audio (RCA jacks), composite video and associated audio (RCA jacks), and Computer 2 VGA input and associated 3.5 mm audio stereo jack |
### Specifications – Model 660i2

#### Storage and Operating Specifications

**Storage**
- 122°F (50°C) maximum storage temperature
- -40°F (-40°C) minimum storage temperature

**Operation**
- From 0' to 6000' (0 m to 1829 m) 41°F to 95°F (5°C to 35°C)
- From 6000' to 9800' (1829 m to 2987 m) 41°F to 86°F (5°C to 30°C)

#### SMART Order Numbers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB660i2</td>
<td>64&quot; (162.6 cm) diagonal SMART Board 660 interactive whiteboard with a Unifi 45 projector system</td>
</tr>
<tr>
<td>01-00247</td>
<td>Replacement SB-20 projector lamp</td>
</tr>
<tr>
<td>UF45-660</td>
<td>Unifi 45 projector retrofit kit for SMART Board 660 interactive whiteboards</td>
</tr>
</tbody>
</table>

#### Optional Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPEN-ER</td>
<td>Replacement set of four pen tray pens (black, red, blue and green) and a rectangular eraser</td>
</tr>
<tr>
<td>RPEN</td>
<td>Replacement set of four pen tray pens (black, red, blue and green)</td>
</tr>
<tr>
<td>HAWM-600i2</td>
<td>Height-adjustable Wall Mount for SMART Board 600i2 interactive whiteboard systems</td>
</tr>
<tr>
<td>STWL-600i</td>
<td>Stud Wall Mounting Kit for HAWM-600i2</td>
</tr>
<tr>
<td>SBA</td>
<td>USB Audio system for SMART Board 600i2 interactive whiteboard systems</td>
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</tbody>
</table>
Dimensions

Right Side View

Front View

ECP Right Side View

ECP Front View

Projector Mounting Bracket

All dimensions +/- 1/8"