# SG Audio Visual Product Specification

| SGHEH300 | 140" Commercial Grade Intelligent Electric screen for Business and Education |
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## General

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| Recommended Use | Perfect for general / business use in a medium to large sized room (say 4-6m wide by 5-8m long) in conjunction with any business wide format WXGA or WUXGA data projector. The 16:10 format is designed to match with the native aspect ratio of most PC monitors. Use this screen for presentations or a combination of presentations and video. |
| Compatibility | Suitable for 4K and WUXGA projection.<br>Not suitable for ultrashort projectors. |

## Screen Surface

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| Material | Matte White Premium Fiberglass with lightproof black backing.  1.1 gain with 100 degree viewing angle. | | |
| Overall Surface | W: 300cms | H: 188cms / 236.6cm with max black leader | Diag: 140 inches |
| Viewable Surface | W: 292cms | H: 182.5cms | Diag: 136 inches |
| Black Leader | 50 cms top adjustable via limit control | | |
| Border | 4cms left and 4cms right | | |

## Housing

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| Material | Aluminium alloy | | |
| Colour | White | | |
| Housing Profile | Rectangular | | |
| Housing Dimensions | W: 9.8cms | H: 10.8cms | L: 307.2 cms |
| Weight | 21kg Gross  /  18.5kgs  Net | | |

## Electrical and Control

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| Wired Wall Remote | A wired remote control box is attached to the power cable. |
| Wireless Remote | RF remote included. |
| Wireless Wall Switch | Additional RF wall switch included |
| Wifi | Standard. Download app with voice control options. |
| Low voltage Control | Standard. Control cable is optional |
| Motor | Premium tube motor |
| Motor location | Left Hand side |
| Power | 220V~240V, 50Hz, Power cord 2m (Removable) |

## Warranty

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| Standard Warranty | 2 years |
| Extended warranty | 1 additional year available |

SGHEH300     140" 16:10 format HE Series Commercial Grade Electric Projector Screen (3m * 1.87m)

**HE Series Premium Intelligent Electric Screens**

SG Audio Visual HE Series intelligent projection screens are commercial grade Electric screens for wall or ceiling mounting. They feature a premium fiberglass matte white surface with lightproof black backing. The fiberglass surface is more rigid and minimises stretching. The screens also feature an aluminium alloy housing, long 50cm black leader (adjustable), intelligent control system with wireless and wi-fi control and premium tube motor. The system is supplied with remote control, wireless wall-switch and power cable and supports wi-fi control via a mobile phone app.

**Projection Surface**

The matte white fiberglass surface provides a good 1.1 gain and wide 165 degree viewing angle. The black backing ensures that It is lightproof.

This surface is designed for UHD/4K projection but will also perform well with WUXGA/1080p projection.

The 50cm long black leader on these screens may be adjusted to ensure that the viewable white surface is at a comfortable viewing height.
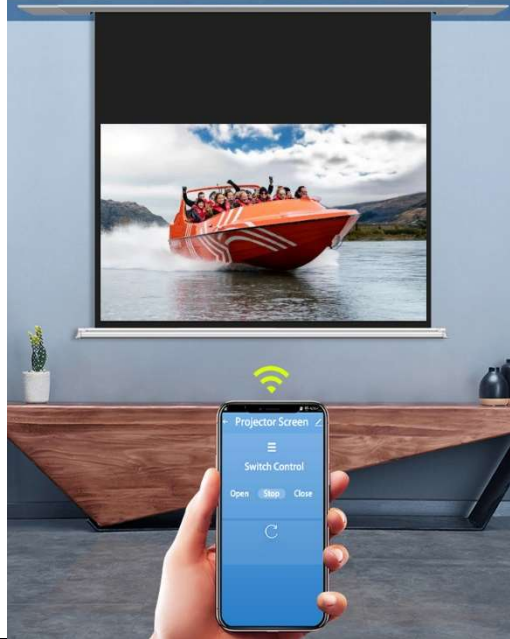
**Screen Dimensions**

This 140" HE Series 16:10 screen has a 3m wide white surface with lightproof black backing with an overall drop of up to 2.37m including the 50cm black leader. After allowing for the 4cm black border the image size supported is approximately 2.92m * 1.83m. The slimline housing is only 9.8cms and 10.8cms high and the screen has an overall length of 3.08m.

We would normally recommend this screen for business and education purposes in a larger meeting room or boardroom at least 3.5m wide and 5m deep.

| Intelligent Control System |
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**Wireless Wall Switch and Remote Control**
Each HE Series screen ships with both a wireless remote control and a wireless wall switch. The wireless wall switch provides easy installation of a switch to control the projector screen without the need for additional cabling.

**Wi-Fi control**

The intelligent control system also supports wireless IP control via the Smart Life app and a phone or tablet with additional voice control support via most smart speakers including Google Nest and Alexa.

**Other Control Options**
Standard control is via RF remote control and RF wall switch or Wi-Fi. Optional control components include IR remote control, 5V low voltage wired switches and 12V cables and connectors for serial (RS485) connection to control systems, PCs and projectors (via trigger port).

**Housing and Mounting System**

The HE Series are designed to mount on wall or on ceiling using appropriate fasteners or suspended using appropriate mounting hardware.

The slimline white aluminium alloy housing is rectangular and easily installed.



**Warranty**

This product comes with a two-year manufacturer's warranty.

**Associated Products**

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| SGSZTRIGGER | Trigger Cable suit IA/IT/HE series screen |
| SGSZSWITCH | Wired Switch for IA/IT/HE series screen |
| SGSZIRREMOTE | IR Remote control for IA/IT/HE Series |
| SGHEMWARR1YR | Additional 1 year warranty for HE Series 3m screen (total 3 years) |