

SG Audio Visual Product Specification

SGIAW240	108" Premium Ceiling-Recessed Electric screen for Home Cinema
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General	
Recommended Use	Perfect for medium-sized rooms (approx. 3m wide and 4m long) where the screen is to be concealed within the ceiling space and there is some lighting control.
Compatibility	Suitable for 4K and 1080p projection. Not suitable for ultrashort projectors.

Screen Surface	
Material	Matte White Premium Fiberglass with lightproof black backing. 1.1 gain with 165 degree viewing angle.
Overall Surface	W: 240cms H: 135cms / 185cms with max. black leader. Diag: 108 inches
Viewable Surface	W: 232cms H: 130.5cms (projection area) Diag: 105 inches
Black Leader	50 cms top adjustable via limit control
Border	4cms left and 4cms right

Housing	
Material	Aluminium alloy
Colour	White
Housing Profile	Rectangular with bottom flange
Housing Dimensions	W: 8.5cms H: 10.9cms L: 254.3 cms
- Including flange	W: 13.5cms H: 10.9cms L: 254.3 cms
Cut-out Size	11 cms * 273cms (if access panels fitted)
Weight	16.5kg Gross / 12.5kg Net
Installation Kit	Mounting brackets and 1m threaded rods included. Rods may be cut to size. Access panels may be fitted to each end of the housing and are included.

Electrical and Control	
Wireless Remote	RF remote included.
Wireless Wall Switch	RF wall switch included
Wifi control	Standard. Download Smart Life app.
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	
Standard Warranty	2 years
Extended warranty	1 additional year available



SGIAW240 108" 16:9 format IA Series Commercial Grade In-Ceiling Electric Projector Screen (2.4m * 1.35m)

IA Premium Ceiling Recessed Screens

SG Audio Visual IA Series intelligent projection screens are commercial grade in-ceiling screens. They feature a stretch-resistant fiberglass surface, aluminium alloy housing, intelligent control system and premium tube motor. There is a lip or flange on each side of the screen which butts up to the gyrock or to tiles in a false ceiling concealing all except the underside of the screen housing. The system is supplied with remote control, wireless wall switch, power cable, ceiling access panels and an in-ceiling mounting kit. The IA series supports wi-fi control via a mobile phone app.

The IA Series are not recommended for ultra-short projectors.

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 108" IA Series screen has a 2.4m wide fiberglass surface with an overall drop of up to 1.85m including the 50cm black leader. After allowing for the 4cm black border the image size supported is approximately 2.32m * 1.3m. The slimline housing is only 13.5cms wide including the flange and 10.9cms high and the screen has an overall length of 254cms excluding the ceiling access panels.

We would normally recommend this screen for a home cinema room at least 3m wide and 4-5m deep. This screen is not suitable for ultra-short projectors.



Intelligent Control System

MOBILE APP CONTROL SCREEN

Download the "Smart Life" APP from your mobile phone



Wireless Wall Switch and Remote Control

Each IA 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

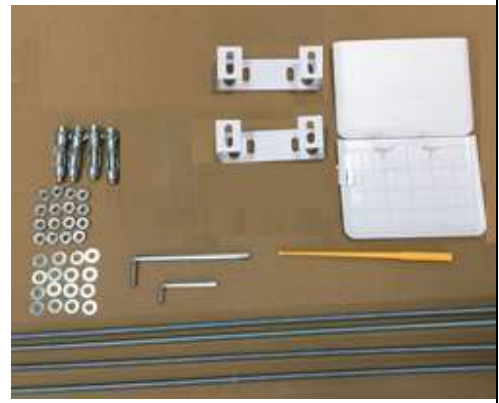


The IA Series housing is a slimline Aluminium alloy housing with a flange on the sides and removable ceiling access panels at each end providing access to the mount and control system. When correctly installed the screen is discretely hidden in the ceiling cavity with only the underside visible.

Mounting Kit and Ceiling Access Panels Included

The IA Series screens include a mounting kit with brackets and threaded rods allowing the screen to be mounted in both ceiling cavities and in drop ceilings.

The two access panels included which can be connected to each end of the screen housing. This allows for easy access to the screen for relocation or maintenance.



Warranty

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

Associated Products

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
SGIASWARR1YR	Additional 1 year warranty for IA series screen under 3m (total 3 years)