



Switch  
Control



Remote  
Control



WIFI  
Control



Dimmer  
Control



Projection  
Screen

## Overview

Fire-rated switchable smart glass is an innovative switchable glass with fire-rated function which is an integrated technology-based on switchable glass and fire-rated glass. Adopting with high strength fire-proof signal glass panel, and the same featured with normal fire rated glass, the material or assemblies can be expected to prevent flames and smoke from spreading. Our fire-rated switchable glass can reach 1-2 hours of fire resistant as per request. Single panel standard thickness 12mm, 14mm, and 18mm. It is widely used in Bank and commercial space

## Tech Specs

- Input voltage: 36-240vac. 12v Dc
- Frequency: 50/60Hz
- Work voltage: 36-60vac
- Switching time: Less than 1 second
- Power consumption: 6watt/square meter
- Operation: On-Transparent/Off-opaque
- Visible Light Transmittance: 83%(On) / 57%(Off)
- Parellel light transmittance:78%(On) / 5%(Off)
- Hazz: 7%(On) / 90%(Off)
- Thickness: 12mm, 14mm, 18mm, etc.
- Visible angle: 120degree.
- Work temperature: -50/60 centigrade degree.
- Single panel max size: 1.8\*3.6meters

## Benefits

- Toughened security glass with high strength and hardness
- Fire rated and smoke isolation, Radiant heat blocks
- Smart light adjust
- Easy maintenance and cleaning
- Instant privacy
- Sound & Noise insulation
- Heat Barrier
- Energy efficient
- Flexible bespoke manufacturing into any size and shape.
- Multiple control: Switch, dimmer, remote control, wifi app.
- Low energy consumption

## Application

- Window & doors
- Glass divider / partitions
- Commercial space
- Factory environment
- Curtain glass wall.
- Shopping mall
- Privacy & security glass
- Traffic station
- Meeting room