



# SECURITY SWITCHABLE PRIVACY GLASS

## PRODUCT DESCRIPTION

Switchable Privacy Glass from Glassopolis is a multi-laminate glass sandwich that includes an LCD interlayer that when hooked up to a power source can be switched between transparent and translucent (frosted). It is used to provide privacy at the flip of a switch. It is especially useful to control the views in secure areas.

## APPLICATIONS

- Hospitals and medical offices (the glass is a sanitary surface that replaces germ harboring curtains)
- Retail storefronts (can be used as a switchable window/rear projection screen that can display marketing video)
- Corporate board rooms (switch from view to privacy or projection screen in an instant)
- Office hallways
- Spas, hotels, hospitality
- High end residences
- Any location where drapes or blinds might previously have been used

## FEATURES

- Provides privacy at the flip of a switch
- Power on: transparent. Power off: translucent
- Fast response time: about 100 ms at room temperature
- Supplied with power conditioner and electrical hookup instructions
- Can be used in swinging doors
- Largest sizes in industry (72" x 144" and up!)
- Best warranty in the industry
- Made in America (Not only is the glass custom laminated to your sizes in the USA, but the key component, the LCD interlayer, is manufactured in USA. Most other competitors use untraceable overseas LCD materials of lesser quality and reliability. This is why we can offer the best warranty and it is backed by a real company)

## TECHNICAL

- Glass type: Laminated with choice of annealed, heat/chemical strengthened, or tempered glass
- Thickness: Interior 5/16" (8mm) or 7/16" (11mm). Doors 9/16" (14mm). Exterior IGU 1" (25mm)
- Size: up to 72" x 144". Larger sizes can be made by butting together panels
- Shapes: any shape, including holes anywhere
- Operating Voltage: 65VAC. Transformer supplied for 110 – 220VAC installations
- Transmittance: On – approx. 75%; Off – 4%
- Haze: On – approx. 2%; Off – 80%
- Durable: tested to 3 million cycles

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## APPLICATION EXAMPLE - Hospital

Switchable Privacy Glass is essential in new hospitals because it eliminates curtains, which are hard to clean and can spread infection. Switchable Privacy Glass replaces curtains because the glass is a sanitary surface that can be kept clean. Also, it gives the hospital operator 'smart' control options for visually checking on patients.



## APPLICATION EXAMPLE – Bathroom for Spa, Hotel, Luxury Residence



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