

China privacy smart glass factory, 6+6mm smart laminated glass supplier, China intelligent PDLC film price

What is smart glass?

Smart glass is a new type of special optical glass, after high temperature and high pressure process, the liquid crystal membrane sandwiched between two glass. People controls the transparency and opacity of the glass by controlling the current on or off. Smart glass not only has all the characteristics of safety glass, but also have function that control of glass transparent or not to protect privacy. So it also known as PDLC glass, smart glass, magic glass.

6mm+6mm tempered smart glass combination:

[6mm clear tempered glass](#)+1.14mm clear PVB+liquid crystal membrane+1.14mm clear PVB+6mm clear tempered glass.

Safety smart glass characteristic:

1. Privacy Protection: Smart glass is the biggest function of privacy protection, you can always control the transparency of the glass.
2. Projection function: Intelligent dimming glass or a very good projection hard screen, in the light suitable environment, the projection imaging effect is very clear and outstanding.
3. Have the advantages of [safety glass](#), Including the safety performance of prevent debris splash after the glass break, good anti-strike strength
4. Environmental protection characteristics: the middle of the smart glass LCD membrane and PVB film can be heat insulation, blocking more than 99% of ultraviolet rays and more than 98% of the infrared. Protect humans from the direct ultraviolet radiation-induced disease,
5. Sound insulation features: the liquid crystal membrane and PVB film in smart glass have noise insulation function.

6mm+6mm tempered smart glass specification:

Glass size: Max 3000*5000mm, when size smaller than 1830*3300mm, one electrode is enough, larger than 1830*3300mm, need to use two electrodes

PDLC film: thickness 0.5mm, the widest size 1500m, and no limit on the length.

6mm+6mm tempered smart glass application:

- Smart home,meeting room
- Executive office and conference room
- Storefront, skylight, window, curtain wall
- Office partition,Interior partition
- Bathroom shower screen

6+6mm Safety Switchable Smart Glass For Meeting Room:



Turn off



Turn on

Safety Smart Privacy Glass For Bathroom



Intelligent Glass Safety Packing

