

# SMART DOORS AND WINDOW

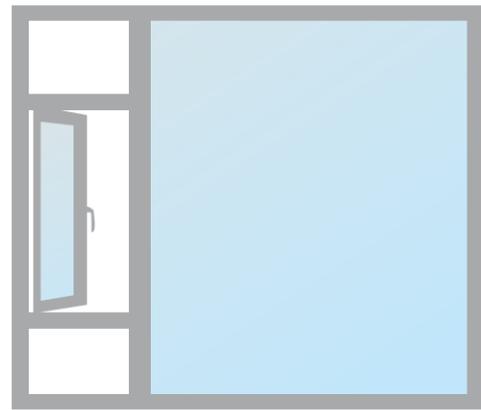
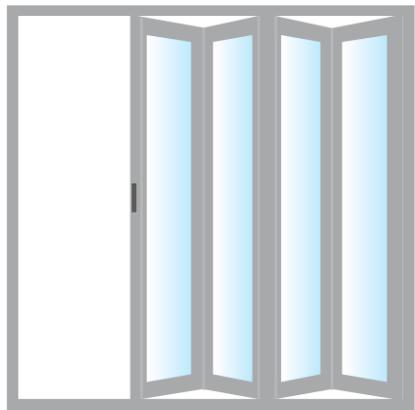
Widely used in glass curtain wall, space decoration, partition decoration, home design, landscape lighting, commercial display and so on.



# About Smart door and window

Smart doors and windows are a brand new product from Filmbase, which perfectly combines PDLC glass with door and window systems. It adopts advanced PDLC intelligent dimming technology, which can switch between transparency and privacy modes with one click, and has multiple functions such as heat insulation, sound insulation, and energy saving.

This type of door and window not only meets privacy protection needs, but also enables remote operation and automated management through an intelligent control system, bringing users a convenient and comfortable smart home experience.



## Dynamic Privacy

Complete privacy or transparency when you need and want it most.



## Temperature Control

Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.



## Optimize Space

Replace thick studded walls with thin partitions or section open floor plans with minimalist solutions.



## Dynamic Designs

Custom shapes and patterns add style and function to windows and partitions.



## Anti-noise

Compared with ordinary glass, the anti-noise ability of glass using Filmbase PDLC film is increased by 20%.



## Easy To Clean

Eliminate fabric or electronic curtains that are hard to clean and collect germs while affecting designs.





# FILMBASE Folding Door

Filmbase folding door can meet the application needs of various scenarios, breaking through the limitations of previous folding differences. It not only creates unique designs for spaces but also provides good environmental requirements for interiors.

 Adopting high-strength aluminum alloy door frames, combined with hidden hinges and innovative folding track design.

 Support 90° column free angle and 270° ultra large open/close field of view.

 The built-in PLCD film can switch between transparent and atomized states, achieving privacy protection and natural lighting.

 Supports multiple opening and closing methods, with flexible adjustment of the number of door leaves.

 It has excellent insulation, sound insulation, waterproofing, and windproof performance, while also considering safety and durability.

 The gap between the door leaf and the center pillar is designed to be 14mm, and the anti pinch design is safer.

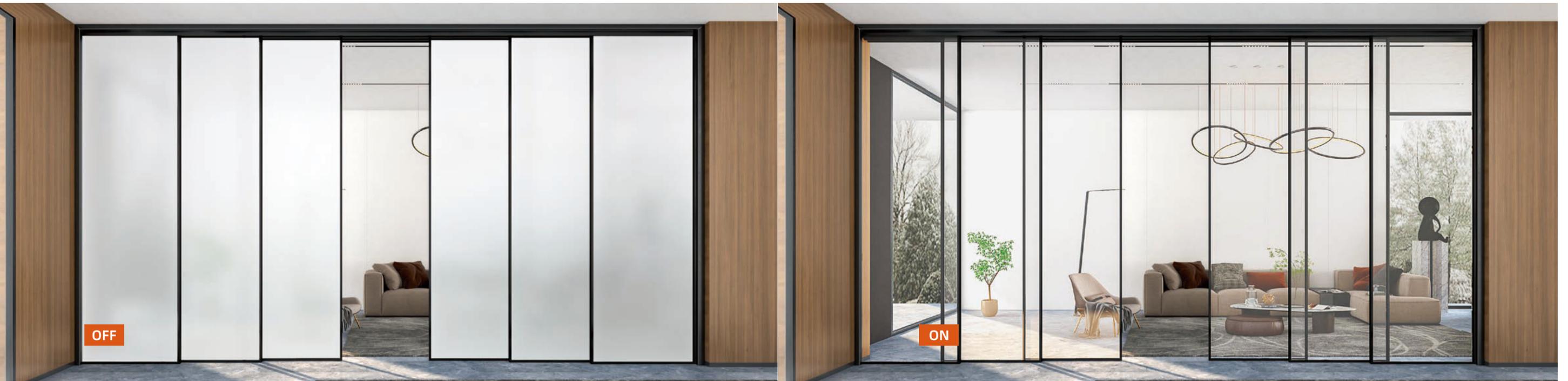
## Product Parameters

## FILMBASE Folding Door

Products	Standard glass	Door frame color
73-65 Folding door	5+5+15a+5 (84 Ultra White with accessories)	Metallic Gray, Brown, Sand Gray

### Detailed parameters

Material wall thickness: 2.0mm, frame width: 73mm, opening fan width: 65mm  
Can be made in odd and even, height up to 3.5 meters, total width is unlimited, the width of the movable fan is limited to within 1 meter, the minimum height of 1.2 meters.



# FILMBASE Sliding Door

Filmbase sliding door adopts a simple and extremely narrow frame design, widely used in residential balconies, indoor partitions, office partitions, and other scenarios, especially suitable for space needs that pursue minimalist design and modern style.

 providing flexible privacy adjustments; Excellent sound and heat insulation performance.

 Adopting an ultra narrow frame suspended door design.

 Single track or double track sliding systems can be provided according to user needs.

 Push pull design saves space and operates smoothly.

## Product Parameters

## FILMBASE Sliding Door

Products	Standard glass	Door frame color
Minimalist Sliding Door	4+4 (84 Super White with accessories)	Skin Black, Moonlight Gray, Mixed Glaze White

### Detailed parameters

Material wall thickness: 2.0mm Single track frame width 49mm, two track frame width 95mm, three track frame 141mm. Thickness of frame: 31mm, width of movable fan: 16mm, width of movable fan with micro-edge: 0.8mm, 10mm, width of movable fan: height within 2800mm, width within 1500mm, total width unlimited, wrapping: 2.0mm. Activity fan: height limited to 2800mm or less, width 1500mm or less, total width is not limited, wrap-around edge cover wall 11mm, wrap-around edge face width 28mm, standard with two-way buffer, standard with three-rail linkage.



OFF



ON

# FILMBASE Privacy Partition

Filmbase privacy partition widely used in indoor partitions, office partitions, and other scenarios, especially suitable for space needs that pursue minimalist design and modern style.

## Product Parameters

## FILMBASE Privacy Partition

Products	Standard glass	Door frame color
83-Panoramic Partition	5+5 (84 Ultra White with accessories)	Gray, Black

Detailed parameters  
Material wall thickness: 2.0mm  
Frame width 83mm, module width within 1500mm, wall height within 3500mm.



Complete privacy or transparency when you need and want it most.



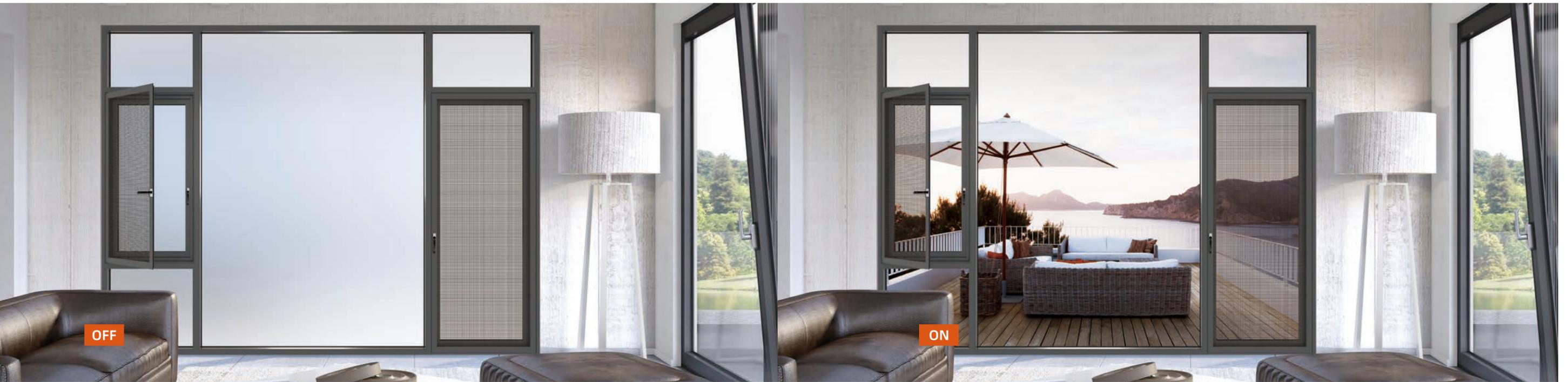
Replace thick studded walls with thin partitions or section open floor plans with minimalist solutions.



Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film is increased by 20%.



Eliminate fabric or electronic curtains that are hard to clean and collect germs while affecting designs.



# FILMBASE Window Screen Integrated

Filmbase window screen integrated suitable for high-end residential, office, and commercial buildings, creating a modern, transparent, and comfortable spatial environment that combines aesthetics and practicality.

 Complete privacy or transparency when you need and want it most.

 Replace thick studded walls with thin partitions or section open floor plans with minimalist solutions.

 Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film is increased by 20%.

 Eliminate fabric or electronic curtains that are hard to clean and collect germs while affecting designs.

## Product Parameters

## FILMBASE Window Screen Integrated

Products	Standard glass	Door frame color
120- Window screen integrated	5+5+15a+5 (84 Super White with accessories)	Metallic Gray, Brown, Iron Crystal Black, Sand Gray

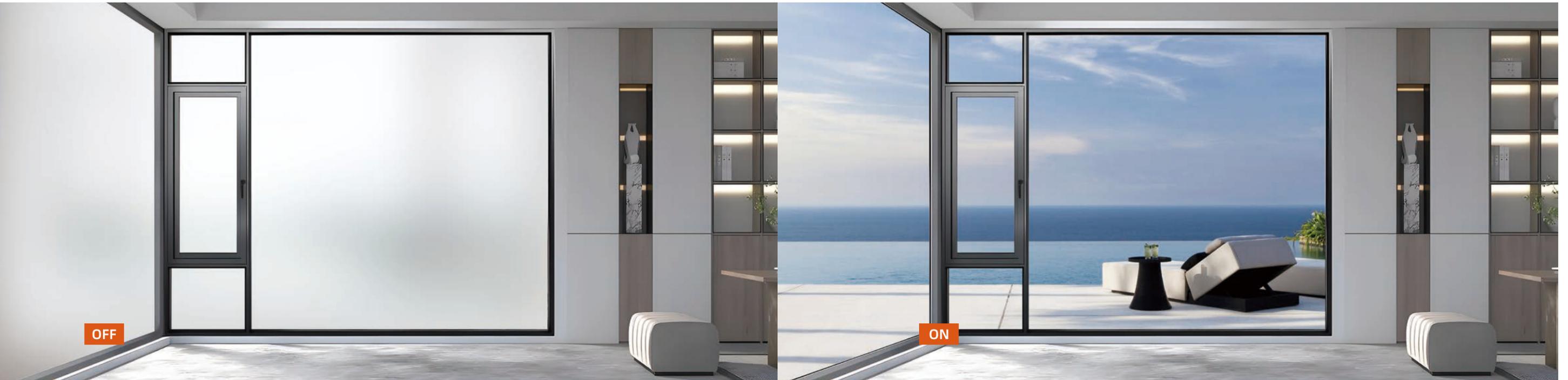
### Detailed parameters

Material wall thickness: 1.8mm, frame width 120mm, opening fan width 70mm.  
Can do outside open, up hanging, outside flat open up hanging, open fan height within 1500mm, open fan width within 750mm, can do flat door, flat door open fan within 2300mm, flat door activity fan width within 1000mm, the minimum height within 500mm. Hydraulic cushion hinges are required at an additional cost of 150 RMB/pc.

Products	Standard glass	Door frame color
113- Window screen integrated	5+5+15a+5 (84 Super White with accessories)	Metallic Gray, Brown, Iron Crystal Black, Sand Gray

### Detailed parameters

Material wall thickness: 2.0mm, frame width 113mm, opening fan width 70mm.  
Can do outside open, up hanging, outside flat open up hanging, open fan height within 1500mm, open fan width within 750mm, can do flat door, flat door open fan within 2300mm, flat door activity fan width within 1000mm, the minimum height within 500mm. Hydraulic cushion hinges are required at an additional cost of 150 RMB/pc.



# FILMBASE Casement Window

Filmbase casement window widely applicable to kitchen, bathroom, villa basement, commercial display windows and other scenes, saving space while providing good lighting and ventilation effects, combining practicality and fashionable design sense.

 Complete privacy or transparency when you need and want it most.

 Replace thick studded walls with thin partitions or section open floor plans with minimalist solutions.

 Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLC film is increased by 20%.

 Eliminate fabric or electronic curtains that are hard to clean and collect germs while affecting designs.

## Product Parameters

## FILMBASE Casement Window

Products	Standard glass	Door frame color
70-Broken bridge type aluminum alloy Casement window (openable inside and outside)	5+5+15a+5 (84 Super White with accessories)	Metallic Gray, Brown, Iron Crystal Black, Sand Gray

Detailed parameters  
Material wall thickness: 2.0mm, frame width 70mm, opening fan width 75mm.  
Can do inside open, outside open, upward hanging, outside flat open upward hanging. Inside open inside inverted, open the fan height of 1500mm, open the fan width of 750mm, can be done within the casement door, casement door activity fan 2300mm, casement door open the fan width of 1000mm, the bottom height of 500mm. Hydraulic cushion hinges are available for an additional RMB 150/pc.