

ON



OFF



PRIVY GLASS

GRRORICH HORIVERT PVT. LTD.



PRIVY GLASS by GRORICH HORIVERT PVT. LTD

An optimum solution for privacy.

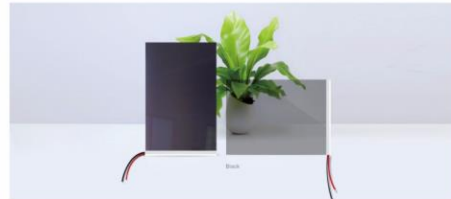
Privy glass is a switchable glass that features two panes of glass, two sheets of interlayer films and a PD-LCD layer. This laminated structure give Privy Glass not only an aesthetically inspiring glass to view through but also offers a full Grade-A safety glass.

Windows normally allow you to see as well as to be seen. However, sometimes, it may be desirable to be shielded from prying eyes. Privy glass offers you this privacy at the flick of a switch. A unique technology of Privy glass allows it to be switched from an ordinary looking clear glass to a translucent glass ensuring optimal vision control. All it takes is a simple electrical switch to turn your privacy on.



MULTI-COLOR OPTIONAL

We offer a variety of colors for you to choose
WHITE BLACK BLUE GREEN YELLOW GREY RED



SMART PDLC FILM/SMART GLASS TECHNICAL SPECIFICATIONS AND PARAMETERS

PHYSICAL PROPERTIES		OPTICAL PERFORMANCE		
Working environment temperature	-20°~+60°	Parallel light transmission	ON >83%	
			OFF ≤1%	
Storage ambient temperature	-30°~+70°	Visible light transmission	ON >80%	
			OFF >50%	
Impact strength	Conform to GB9656-2003 laminated glass national standards	Turbidity	ON < 6%	
Anti-radiation			OFF ≥90%	
Moisture resistance		Viewing angle	ON ≥140°	
Heat resistance		Switching speed	OFF-ON <10ms:	
Humidity resistance		UV Block	OFF ≥99%	
Anti-vibration		Infra Block	OFF >90%	
Sound insulation		APPEARANCE QUALITY		
Size Specification		Width 1830*4000mm	Thickness	Scratches
			Glass thickness x 2+2mm	<3mm/m ²
			Bubble	Inclusions, degumming, burst
		<1.5mm/m ²	None	

ELECTRICAL PERFORMANCES				
Work voltage		Power consumption		
Input	Output	ON	OFF	
AC220V:AC110V:DC24V:DC12V	AC48v-75V/50HZ	<10ms	<20ms	
Min Work Voltage	Power consumption	Constant on	Constanton-off	Work frequency
≤25v	<4W/m ²	>80000h	>2000000 times	30HZ-400HZ
POWER SUPPLY TECHNICAL PARAMETER				
Input voltage	AC220V(AC110V)±20%50H±5%	Output voltage	AC48V-75V±5%	
Output power	5W-1000W	Output current	0.01A-20A	
Ambient temperature	-20+60°C(no condensation, no frost)			
Ambient humidity	90% RH or less (no condensation)			
Insulation voltage	AC1800V1M1N			
Protection	overcurrent, overvoltage, overload, overheating, moisture, fre protection			
Standby mode	Low voltage control high voltage, and with long standby			
Control Mode				
Switch	Manual, Remote control, Remote and switch control, Infrared control Light control, Sound Control, Wifi, Bluetooth, PC,Pad, Phone, App etc			
Dimming	Automatic Manual, Remote control for dimming			
FM	Unique Fm controller to solve screen flash problem			





Power OFF (Translucent)



Power ON (Transparent)



PRIVY GLASS - HOSPITAL PRIVACY





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