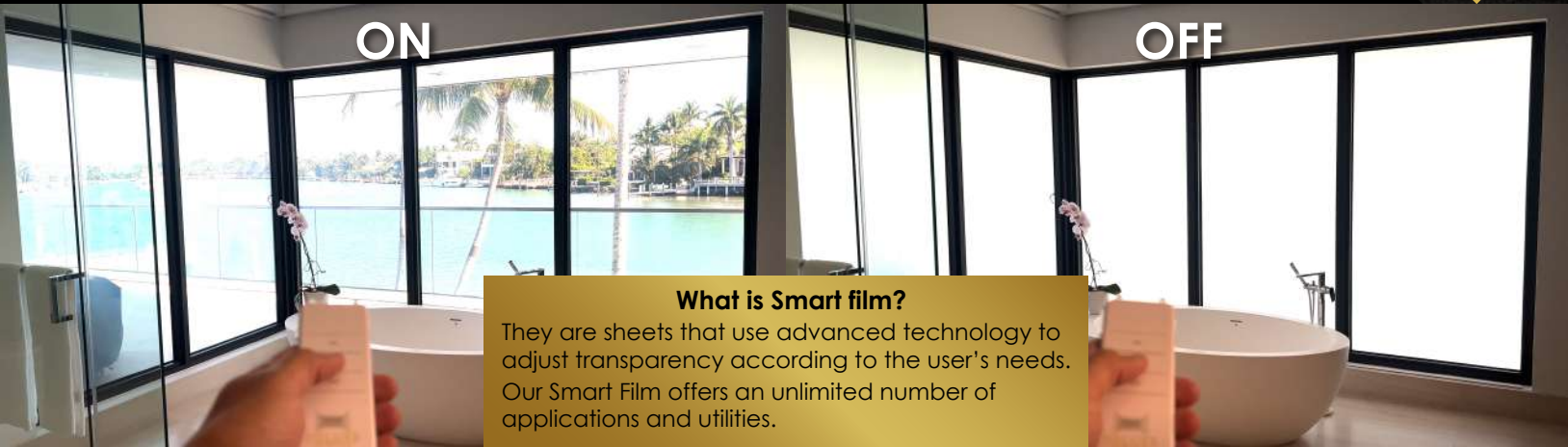


DELUXE SMART FILM



What is Smart film?
They are sheets that use advanced technology to adjust transparency according to the user's needs. Our Smart Film offers an unlimited number of applications and utilities.

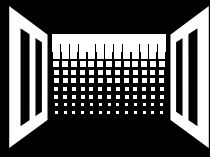
Specifications



Specifications	Description
Technology	Polymer Dispersed Liquid Crystal (PDLC)
Operating Voltage	48-60V AC
Power Consumption	Low power consumption for energy efficiency
Switching Time	100 milliseconds (ms)
Transparency Control	Adjustable transparency level
Viewing Angle	150 degrees or more
Size Range	Customizable to fit specific dimensions and shapes
Thickness	Typically 0.4-0.5 mm (excluding adhesive layers)

Durability

Temperature Range	-20°C to 60°C (operating), -30°C to 80°C (storage)
UV Resistance	Withstands exposure to ultraviolet (UV) rays without significant degradation
Moisture Resistance	Resistant to moisture and humidity



DELUXE SMART FILM

Optical and Sound ON OFF

Light Transmittance	89%-91%	<1%
Haze	<2%	>90%

Electrical Characteristics

Operating Temperature	-10°C to 60°C
Operating Frequency	50-60 HZ
Power Consumption (ON)	Approximately 4 watts per square meter
Power Consumption (OFF)	Zero (no power consumption when in the off state)
Lifespan	Typically 100000 hours or more



CONTROL METHODS

Compatible with home automation systems and building management systems.



WALL SWITCH



REMOTE CONTROL



SMARTPHONE APP



VOICE CONTROL

APPLICATION

- Residential Windows.
- Medical Partitions.
- Commercial windows.
- Security Solutions.
- Projection Screens.
- Energy-Efficient.
- Advertising Displays.
- Interactive Surfaces.

WARRANTY

1 YEAR WARRANTY

If is installed by our Company or a certified Installer