

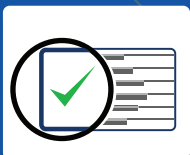


SmartFilm X100

ImagePath SmartFilm X100

SmartFilm X100 is the latest high-tech smart film product under the ImagePath brand. Equipped with anti-flicker technology, the frequency is up to 100Hz - double the frequency compared to older smart film technologies, and available with a new feature option that is the curtain effect feature. Just press the remote button, the view will easily switch from a transparent state to a non transparent opaque state.

- Anti-flicker technology will provide a clear, non-flickering appearance when the glass is transparent, makes eyes comfortable.
- Frequency up to 100Hz (double the frequency compared to older smart film technologies) to provide 30% clearer transparency.
- Optional with the curtain effect feature to present a new experience. From opaque state to transparent or conversely, layer by layer in sequence like the curtain layer transition effect, when the SmartFilm X100 power is ON/OFF.
- Just press the remote button, the view will easily switch from a transparent to an opaque state for optimal privacy



Anti
Flicker
Technology

100Hz

2X Standard
Frequency
SmartFilm

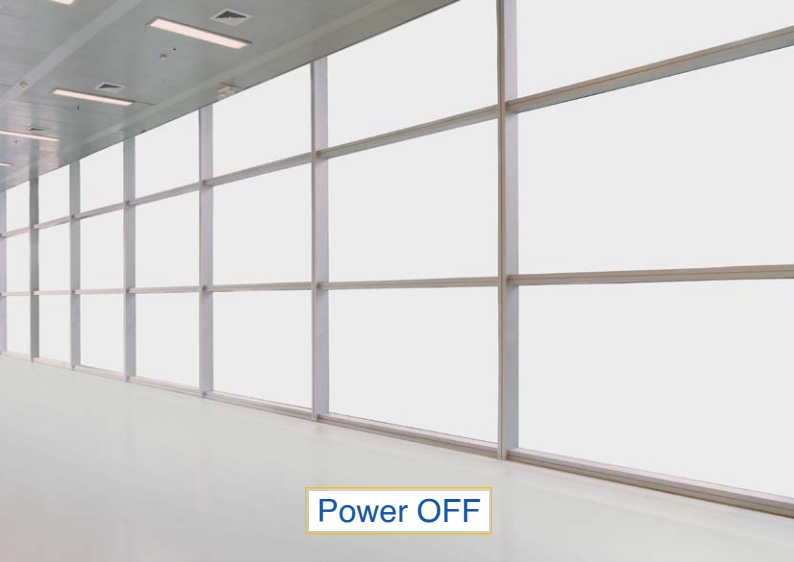


Eye
Comfort



ImagePath

SmartFilm X100



Power OFF



Power ON

ImagePath SmartFilm X100 is easy and suitable to apply in meeting rooms, control rooms, other office interiors, commercial buildings, residences, apartments, exhibitions and can be used anywhere there is a glass of any size and shape.

ImagePath SmartFilm X100 compared to other older smart films technologies:

ImagePath SmartFilm X100



**With Anti Flicker Technology*

Power ON

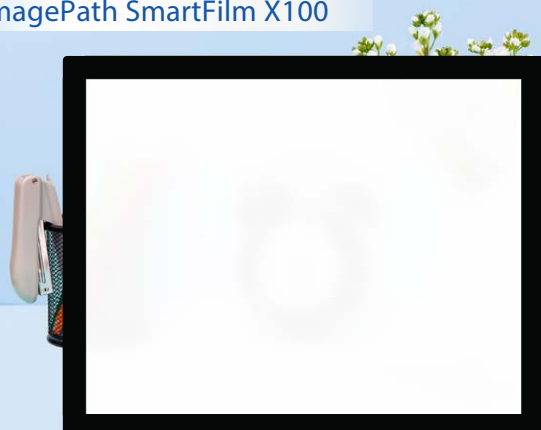
Other Smart Film



**Without Anti Flicker Technology*

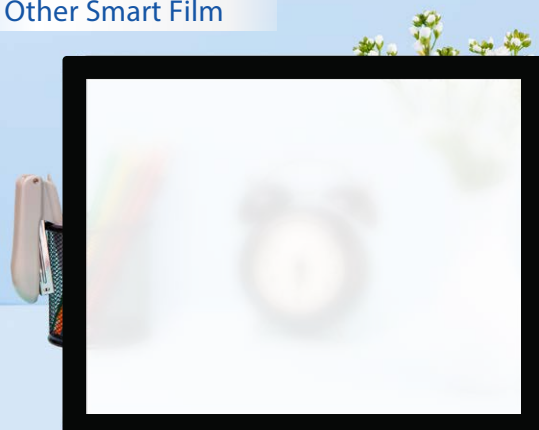
Power ON

ImagePath SmartFilm X100



Power OFF

Other Smart Film



Power OFF

SmartFilm X100 power OFF looks more opaque and whiter.
SmartFilm X100 power ON looks 30% clearer and non-flickering transparency appearance.

Optional Features

SmartFilm X100 technology provides curtain effect feature optional, from opaque state to transparent or conversely, layer by layer in sequence like the curtain layer transition effect when turning on/off the power, makes our products even more special and bring new experiences.

ImagePath SmartFilm X100 Curtain Effect Progress On - Off

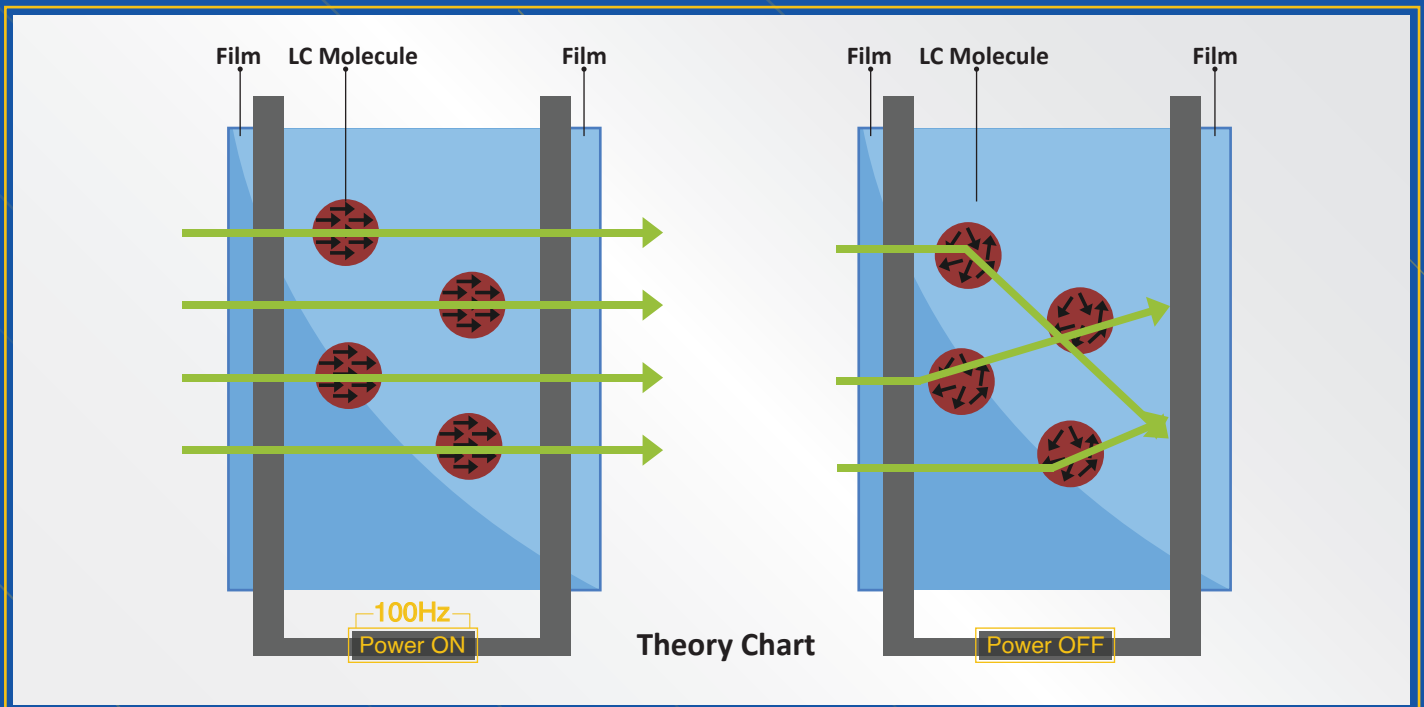


ImagePath SmartFilm X100 Curtain Effect Progress Off - On



SmartFilm X100 Technology

How does ImagePath SmartFilm X100 technology works? When the electrical supply is switched on, the liquid crystal molecules align and incident light passes through and SmartFilm X100 panel instantly clears. When the power is switched off the liquid crystal molecules are randomly oriented scattering light and ImagePath SmartFilm X100 panel becomes opaque.



ImagePath

SmartFilm X100

Specification		
Performance	Test Item	Data*
Operation	Frequency	Up to 100Hz
	Power On	Clear
	Power Off	Opaque
Electrical	Operate Voltage	36 ~ 50 VAC
	Response Time	On → Off < 200ms Off → On < 200ms
	Power Consumption	< 3W/m ²
Optical	Light transmittance	ON 82% Off 4%
	Haze	On 3% Off 100%
	Viewing Angle	170°
	UV Block	On / Off > 99%
	InfraRed Block	ON > 30% Off > 90%
Thickness	0.355mm	
Environment	Work Temperature	-20°C to +70°C
	Storage Temperature	-15°C to +50°C
	Humidity	< 70%RH
	Life Time	>20 years **
	Switch Time	> 8 Million
Durability	Peel Strenght	> 70 gf/inch
Feature	Anti Flicker	Yes

Notes:

All the values is measured using standard manufacturer procedure and test equipment

* On specific condition

** Daily Operation 6-8 Hours

ImagePath Display Company USA

www.image-path.com

Powerful | Interactive | Collaborative

