SONTE



WWW.SONTEFILM.COM.AU


SONTE
DIGITAL SHADE

OUR GOAL

SONTE Film

There was a time when smart film technology was limited to commercial uses due to its high cost, complex installation procedures and non-user friendly mode of operation.

Make your home today the home of tomorrow

Making smart film technology easy to install and operate. With our own in-house R&D team, SONTE Labs, we have the ability to provide you SONTE Film, the first ever Wi-Fi digital shade that you can control right from your smartphone.





SONTE FILM
HOW DOES IT WORK?

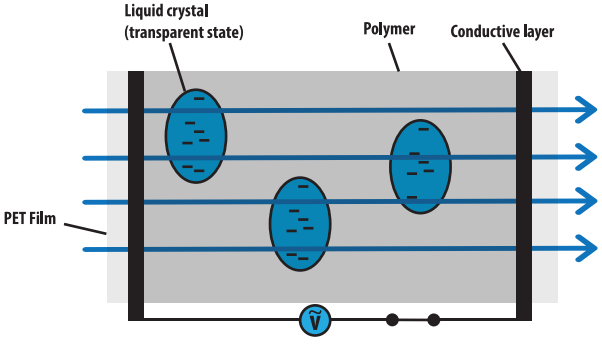
Digital Shade. Reinvented.

What is SONTE Film?

SONTE Film (or Digital Shade) is a technology that allows the color of the film to go from transparent to non-transparent. It gives you the option for privacy on demand by adjusting the amount of light traveling through your glass window.

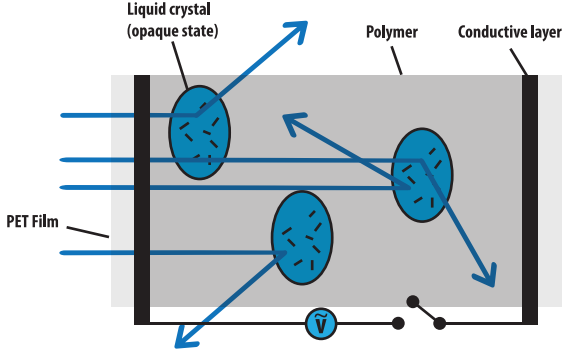
SONTE Film does not require you to replace your windows or glass partition as it can be retro-fit onto any glass surface in your living room, bathroom or office.

Power On



Liquid crystals are arranged in a regular manner, allowing light to pass uninterrupted.

Power Off



Liquid crystals are arranged in an irregular manner, dispersing light.

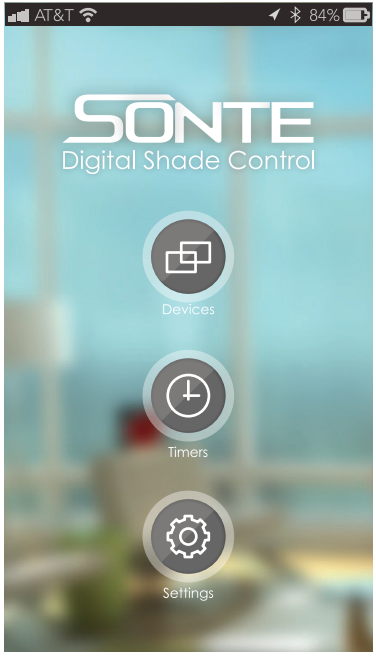
Functionality

SONTE Film is the first ever Wi-Fi enabled digital shade that instantly switches windows from opaque to clear in less than a second. The film pairs with a free smartphone app that allows users to turn SONTE Film “on” for see-through windows and “off” for opaque windows. Users can also use the app to control a room’s privacy and transparency setting. The customizable digital shade is easy to install and doubles as a projection screen.

BENEFITS:

Privacy
Sunblock
UV and infrared protection
Energy conservation
Wi-Fi capable

SONTE Film provides you with a simple solution for retro-fitting your windows or glass partitions with digital shades. We designed it for do-it-yourself so installation and operation cannot be simpler.



Multi-purpose

Want more privacy? Simple. One touch and SONTE Film will transform your home window or office partition to opaque glass, creating an instant blind for your windows.

Or you want a bigger TV? No problem. At your fingertip, your window or glass partition affixed with our SONTE Film can be transformed into a rear projection screen for TV, photos or family videos.

What‘s the weather like outside? Easy. A quick swipe and the world outside become clear.



Wi-Fi Enabled

Take control over Wi-Fi and cellular.

With our iPhone / iPad / Android app, you control the SONTE Film from your home or anywhere in the world.




YOUR LIVING ROOM
YOUR SPACE

Do-it-yourself

SONTE Film is user friendly and cost effective. It is manufactured with a self-adhesive cling layer on one side (peel and stick) which can be cut to any size and retro-fit onto any existing windows, glass or partition without the need for specialist installation or complicated equipment. In fact, SONTE Film is designed for you to install yourself.



Energy Saving

SONTE Film will keep you cooler in summer and warmer in winter and saves on power bills all year round. It will provide your existing windows with better insulation than ordinary glass, which means more comfortable, economical and energy efficient homes.

SONTE Film is an economical step in lifting the performance of the windows in your home.







FUNCTION AND STYLE
YOU CAN HAVE BOTH





» At a swipe from your smartphone, SONTE Film can instantaneously block the strong rays of an afternoon sun but letting in the soft natural light, allowing you to continue, in comfort, your book or movie.

» SONTE Film will give you the privacy you want but can also add that stylish touch to your house. Perception of space can be altered at a touch of a button.






Tech Specs

All you need to know

Product	SONTE Film / Digital Shade
Model No.	SF001C01
Color	Frost White
Thickness	0.5 ± 0.02mm
Dimension	Up to 1200mm x 4000mm
Operation	Transparent (ON) Opaque (OFF)
Light Transmittance	>76% (ON) >50% (OFF)
Haze Coefficient	<8% (ON) >90% (OFF)
UV Absorption Index	>95%
IR Absorption Index	>80% (OFF)
Switching Time	<40 milliseconds
Driving Voltage	<70VAC
Frequency	50/60Hz
Consumption	<5 W/m^2 (ON)
Operating Temperature	-20°C - 70°C
Storage Temperature	-15°C - 50°C, <70% RH
Product Life	Over 10 years if used strictly indoors and away from direct sunlight








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