

KWICKSCREEN
MAKING SPACES

WindowSwitch - hygienic privacy at the flip of a switch

WindowSwitch is the latest innovation from KwickScreen, allowing you to choose between opaque or transparent windows at the push of a button. Its wipe clean surface makes it an excellent option for infection control and provides a clean, uncluttered, timeless look for your healthcare space.



WindowSwitch can be retrofitted to existing glass and is compliant with regulations for fire and electrical performance in a healthcare setting.

Key Benefits:

- Can be retrofitted to existing glass
- Better for infection control. Easy to clean, windowswitch replaces blinds and curtains reducing costs and saving time
- Fast response time capable of switching in less than 200 ms
- Has a service life of over 80 million switches
- Low power consumption less than 5w/ m² when switched on
- Suitable for use in healthcare - EN13501-1 Euroclass B fire performance and medical grade power supply within a UL94-V0 enclosure for the best fire safety.



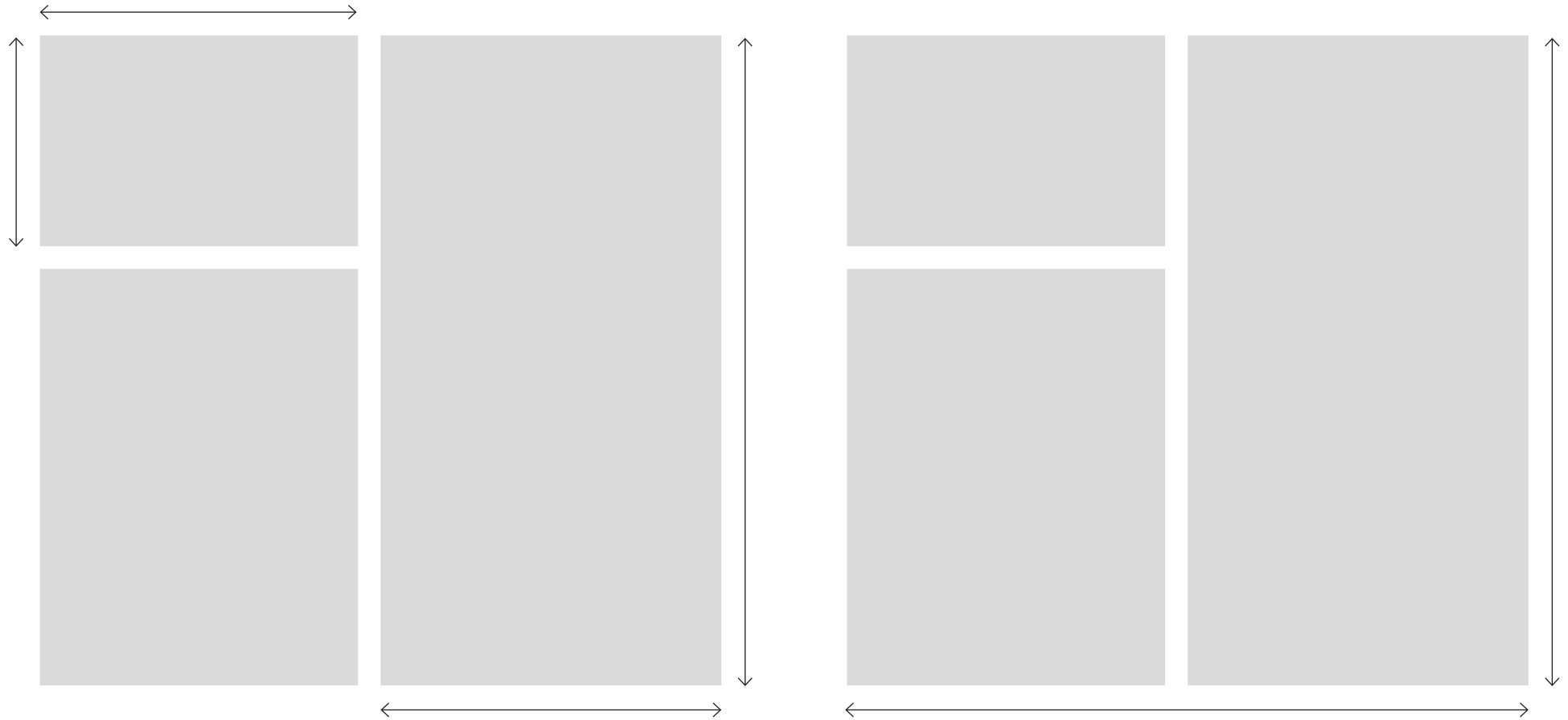
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To find out more about WindowSwitch or other products that can help transform your healthcare space, visit <https://kwickscreen.com>

How to measure for WindowSwitch

Measuring up for windowswitch is easier than you think. When installed the film is installed directly on to the glass on site and our install team will find the optimum route to neatly and safely run the power to a standard 13 amp socket.

Firstly you need to measure each of your pieces of glass, we need to know just the glass dimension (no frame, gasket or extra bits) Secondly we need to know the frame dimensions and the distance from the frame to the nearest power supply.



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Technical Specifications

SWITCHABLE OPACITY WINDOW	
Window	PDLC Switchable Smart Film Fire Rated
Fire rating	EN13501-1 Euroclass B
Visible Light Transmittance	ON >88%; OFF >60%
Haze (opacity)	ON (clear) <3%; OFF (opaque) >92%
Viewing Angle (of Transparency)	ON >160 degrees
Switching time	<200ms

WINDOW INSTALLATION	
Window	Self-adhesive
Border	FR Silicon sealant
Electrical connection	Low voltage 45V AC double-insulated IP65 gland entry to enclosure
IP rating	IP65
Enclosure	PC (fire) V-0

ON/OFF WALL SWITCH	
Wireless Power	Micro-energy acquisition (piezo) self-powered. No external power or battery
Wireless frequency RF	433Hz
IP rating	IP67
Control Distance	25m indoor

POWER SUPPLY	
Communication	FSK (Under 1000MHz)
Control Distance	30m indoor
Certificate (wireless control)	CEL VD:SGS LVD GZES 1407007368LM
IP Rating	IP65
Number of possible on/off switches	10 max
Enclosure	PC (fire) V-0
Input	BS 1363 AC power plug; 1m cord; 3A fuse
Output	Low voltage AC 45V double insulated internal connections, IP65 gland

POWER	
Mains power	AC 220-240V; 50-60Hz
Energy Label Class	n/a
EU Energy Label Power	<5W/M sqrd continuous (ON)
Annual Energy Consumption	Specified per application
Standby Power Consumption	<0.3W

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