

全新世代風光Ai窗
一扇風光 · 五感奢華

**A New Generation of
Artificer Intelligence Window**

A Panel of Ai Window for
Luxurious Sensory Experiences



一扇窗是五感六覺的出入口，全新世代風光Ai窗，
為您探索極致微環境感知經驗，進化未來居家生活新境界。

未來 為你而來

專為台灣氣候研發的智能之窗，
不僅為你噓寒問暖、遮風擋雨、抗噪淨音，
更具有超跑級動力、優雅科藝人體工學、
永續環境的綠色意識，以及完美契合的結構組件。
打開，即風光；您的未來，就是我們的現在。

The future arrives for you

A window is the entry and exit point of the various senses. The new generation of Artificial Intelligence Window helps you explore the sensory experiences of the extreme micro-environment, evolving it into a new realm of future home living. The smart window is developed specifically for Taiwan's climate; not only does it provide warmth, shelter from wind and rain, and soundproofing, but it also has incredible dynamics, elegant ergonomics, green awareness for a sustainable environment, and perfectly fitted structural components. Opening the window invites in the scenery; your future is in our present.

從台灣第一到亞洲之巔，三代人近百年匠心工藝

1932年，吳連發先生從木作窗門的職人精神出發，二代吳定旺先生專研台灣第一樁專屬氣密窗，「上田鋁業」成功打下紮實的亞洲市場。第三代匠人吳律謙先生接棒之後，承繼前人智慧，結合現代科技，自ODM轉戰OBM，歷經五年研發自有品牌，從流體力學、結構力學、科藝工學到時尚美學全方位進化革新，突破建材機能思維，讓全新世代風光Ai窗完美融入現代居家空間，提昇質感生活標竿，超越國際品牌卓越性能，更讓台灣品牌驕傲站上世界伸展台。



In 1932, Wu Lian Fa began professionally crafting wooden windows and doors. The next generation's representative, Wu Ding Wang, innovated the first exclusive airtight window in Taiwan; "Shang Tian Aluminum" successfully became firmly established in the Asian

market. When Wu Lu Qian, the third-generation craftsman took over, he inherited the wisdom of his predecessors and combined the craft with modern technology, shifting from ODM to OBM. After developing his own brand over five years, he has transformed all aspects of fluid mechanics, structural mechanics, technology, and fashion aesthetics. His breakthroughs in the functional concepts of construction materials allow this brand new generation of Ai windows to integrate perfectly into the modern home space. This raises the standards of the sensory lifestyle, with excellent functionality surpassing international brands, allowing Taiwanese brands to stand with pride on the world stage.



The first in Taiwan and the best in Asia, with nearly a century of craftsmanship spanning three generations.

總經理 吳律謙

微氣候極地性實驗，頂尖科藝進化奢華

窗子，是心靈的眼睛，也是身體呼吸的肌膚。從風光坐看風光，視界是延伸的宇宙。永恆隔絕風雨，舒適的室溫與制音，才是品味質感的明室。台灣高溫高濕，面對全球氣候變遷，家居空間即是日日生活的微環境；全新世代風光Ai窗再現造物者智慧，以當代科藝進化空間享受，一次提昇生活的五感奢華。

亞洲最高水密2000pa國際認證

模擬極端氣候環境，進行最高等級狂風暴雨試驗，全新世代風光Ai窗獲得TAF (Taiwan Accreditation Foundation) 國家級認證，達世界規範亞洲第一超高水密2000pa (一般國際品牌僅達1500pa)，從此確保無畏風雨的家。



台灣首發節能窗，一體開發節能永續

結合窗框及複層中空節能low-E玻璃一體開發，凌駕國際品牌；堅持守護地球的節能理念，減少碳足跡；更為居室降低幅射，強力隔絕80%以上紅外線、紫外線入侵，有效調節室內溫度，為您創造最宜人的健康微環境。

超跑動感流體力學，阻斷風雨寧靜革命

台灣首創超跑流體力學節能窗，利用導流孔快速引導氣流的等壓原理，有效降低室內外壓力差，地心引力垂直排水設計，快速導流阻斷風雨阻絕噪音，保持室內的寧靜品質。

完美楔型結構發明專利，人體工學優雅密合

擺脫傳統門窗鎖具之強迫鎖緊功能，全新世代風光Ai窗自行研發楔型結構專利，不需勾鎖即可完全密合，恆久構件優雅輕盈，開關之間更加輕而易舉。

靜電塗裝奈米材質，前衛隱型時尚美學

與特斯拉同級隱藏式全鋁合金門把，科技觸感與空間美學無縫接軌，制震阻尼器平衡滑輪推移如華爾滋流暢舞步，靜電塗裝奈米材質結合時尚PM2.5防霾紗窗，漂亮變色為家治裝。

智能家居情境調控，科技擴充預演未來

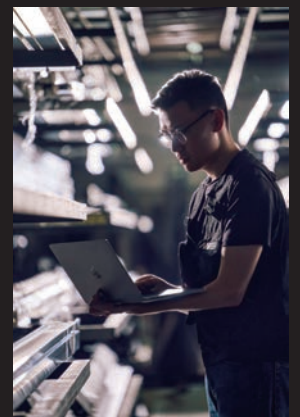
保留科技智慧擴充功能，可結合數位載具情境調控，量身訂製居家自動化需求，為您的家預設智慧模式，一指之間觸碰未來便利生活。

Windows are the eyes of the soul, and the skin for the body to breathe. Viewing the scenery through Ai windows, we can see the universe on the horizon. With perpetual protection from wind and rain, having a comfortable room temperature with sound-proofing creates the perfect room with high taste and texture. Along with global climate change, Taiwan experiences high temperature and humidity, so the home environment is the micro-environment of daily life. The new generation of Ai windows reproduces the wisdom of the Creator, employing contemporary technology and art to innovate the enjoyment of space, enhancing the luxury of the five senses at one go.



International certification as Asia's most watertight window, capable of withstanding 2000pa.

Simulating the extreme climate environs, we carried out experiments involving the most extreme of wind and rain conditions. The new generation of Ai windows has obtained TAF (Taiwan Accreditation Foundation) national certification, conforming with international standards and making it Asia's most watertight window. It is capable of withstanding 2000pa (standard windows of international brands only reach 1500pa), therefore ensuring the safety of the house from stormy weather.



Taiwan's foremost green energy window which combines energy-saving and sustainability into one.



Integrating the window frame with multiple-layered hollow energy-saving low-E glass, it surpasses international brands. Adhering strictly to the energy-saving concept of

protecting the earth and reducing carbon footprint, this window reduces radiation, blocks 80% ultraviolet and infrared rays, and effectively adjusts the room temperature, helping you to create a pleasant and healthy micro-environment.

Dynamic ergonomic fluid mechanics, bringing a quiet revolution that blocks the wind and rain.

Taiwan's first fluid dynamic green energy window, utilizing the isobaric principle that rapidly directs



airflow through diversion holes, effectively reduces indoor and outdoor pressure difference. The gravity vertical drainage design allows freedom and quickness of movement, blocking wind, rain, and noise to maintain the room's tranquil quality.



This patented perfectly wedge-shaped structure is ergonomic, elegant and well-fitted.

Breaking away from the traditional use of locks in doors and windows, the new generation of Ai windows has innovated a patented wedge-shaped structure that allows complete closure of window latches or locks. These long-lasting components are elegant and light for effortless opening and closing.

Electrostatic coating with nanomaterials that creates an avant-garde and inconspicuous fashion aesthetic.



With a concealed aluminum alloy doorknob on the same level of quality as Tesla, this touch of technology effortlessly integrates with spatial aesthetics. The balanced roller of the shock absorber moves like smooth waltz steps, and the electrostatic coating with nanomaterials combines with the fashionable PM2.5 anti-dust window screen to become beautiful decor for the house.

Smart home ambience control; technology expansion that gives a preview of the future.

Retaining the expansion function of intelligent technology, it can be paired with digital devices to control the ambience, making it tailor-suited to home automation needs. Smart mode presets for your house allow you to experience the convenient lifestyle of the future with the touch of a finger.



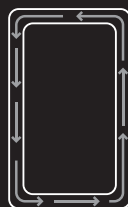
Experiment with extreme microclimate conditions, creating a luxurious experience with the highest innovations in technology and art.



01

3D列印研發技術

首創於台灣業界，運用3D列印技術將整樁門窗實體化，減少模具開發成本，回饋於末端售價。



05

內外雙空心門窗體結構

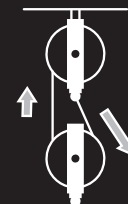
確保強颯及強震的逆襲，利用內外雙空心設計增加撓曲的回覆率，大幅提升門窗體結構的強度。



02

等壓原理設計

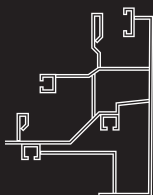
運用等壓空間原理所設計之橫拉門窗，非增加氣密條厚度和數量，以太極的方式疏導排除溝槽積水。



06

耐用省力滑輪

採用的白鐵滑輪經10萬次的滑動測試依然順暢！解決落地窗因乘載過重，亦或窗框為了密封性能緊密難推拉的困擾。



03

階梯式排水系統

利用最恰當的斜度加速排水、結合階梯式的下台高低差，使雨水滲入室內的機率大幅降低。



07

複層玻璃生產設備

自動玻璃生產線能自動清洗玻璃 / 烘乾 / 合片 / 打膠，減少人為因素造成的瑕疵。保回複層玻璃15年不起霧！



04

轎車等級氣密隔音

轎車等級氣密條不僅提升隔音效果和水密效果，也有效隔絕氣體的流通，使空汙不再影響居家品質。

風雨實驗室等級

- 氣密性 | 2 等級
- 抗風壓 | 5000 pa
- 水密性 | 均值2000 pa 最高2750 pa
- 隔音 | STC=36dB (玻璃10 mm)
- 窗框尺寸 | 10 cm
- 選擇配備 | 防霾紗網

Service Process | 服務流程



台灣第一通過TAF認證實驗室檢驗

本廠通過TAF認證之亞瑞仕國際驗證股份有限公司驗證機構ISO 9001:2015 驗證

Colours | 特色量身



月光白 | AIW001



藏夜灰 | AIW002



夢境灰 | AIW003



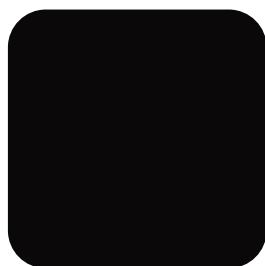
須彌灰 | AIW004



山嵐灰 | AIW005



蒼穹灰 | AIW006



天目黑 | AIW007



煙波灰 | AIW008



細霧白 | AIW009



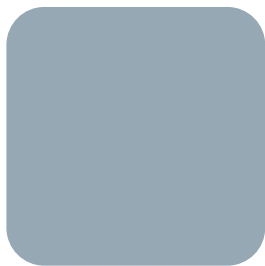
烏木棕 | AIW010



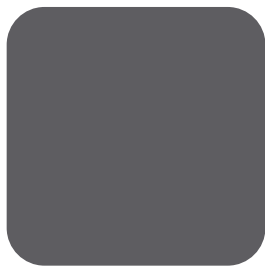
草木灰 | AIW011



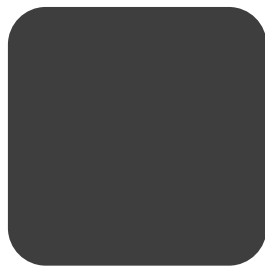
傾雨灰 | AIW012



天青灰 | AIW013



氣敞灰 | AIW014



著墨黑 | AIW015



山雨灰 | AIW016

AIW 風光 AI 窗
Artificer Intelligence Window

風雨實驗旗艦店 | 台中老虎城 TIGER CITY 2F T. 04 2251 9117
台中市西屯區河南路三段120號2樓

風雨實驗專櫃 | 樹德半山夢工廠 GF
南投市工業南6路6號 GF



AIW官方網站