

Appendix

附件

Smart Living@Science Park

Phase 2 - List of Exhibits

智慧生活@科學園第二期

展品資料

No.	Project	Company	Features
1	Smart Respiration Belt 智能呼吸帶	Advanpro Limited 安潤普有限公司	<p>The comfortable fabric sensors fit in perfectly with a belt. Electronic signals are generated when the belt stretches or retracts, thus enabling the collection of pressure data that reflect the user's breathing and state of health. The data analysed by the relevant mobile app can help those suffering from sleep apnea better monitor their conditions. The also give athletes access to real-time data on their physical states, allowing them to assess their stamina and when they are to reach top performance.</p> <p>SOFTCEPTOR™ 柔性織物傳感器可隨著織物的拉伸、回彈等形狀變化產生電訊號變化，結合獨特演算法對電訊號進行分析、處理，從而實現傳感功能。它可以收集壓力數據，這反映了用戶的呼吸狀況和身體健康情況。該數據在流動應用程式進行分析，以幫助睡眠窒息症患者更有效地監視其情況。對運動員身體狀況之實時數據檢測，除可預測耐力外，還能識別其最佳表現的時刻將於何時出現。</p>
2	A3w Dual-Band Access Point A3w 雙頻接入點	Altai Technologies Limited 奧泰爾科技有限 公司	<p>Altai's Super WiFi access point offers unprecedented long-range coverage of up to 1.7km in in-sight areas and 500m out-of-sight areas. Enabled with patented Super WiFi technologies, Altai products can provide up to 10x the coverage and 5x the capacity of a standard access point. Its cloud-based management system also provides a simple, secure and cost-effective way for operators to manage their WiFi networks.</p> <p>有別於傳統的 WiFi 熱點，奧泰爾的 Super WiFi 接入點提供前所未見的長距離覆蓋。在可視距環境覆蓋可達 1.7 公里，在非視距環境達 500 米。由於配備了專利的 Super WiFi 技術，奧泰爾比一般的 WiFi 接入點提供高達 10 倍的覆蓋範圍及 5 倍的容量。此外，奧泰爾的雲平台網絡管理系統為服務供應商提供一個簡易、安全和節省成本的網絡管理方法。</p>

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3	Behaviour Analyser 藍牙智慧手環	AppoTech Limited 卓榮集成電路科技有限公司	The Behaviour Analyser that can fit on a user's wrist tracks valuable biometrics such as step count, calories burned, distance travelled, among other data. The wrist strap works together with a mobile app using Bluetooth technology for uploading the bio information. It is adjustable and can be recharged using a USB plug. 智慧藍牙手環以無線科技與手機應用程式互相結合，記錄使用者身體活動，如步數（計步器功能）、卡路里熱量消耗、步行距離等相關數據。卸下腕帶後可用 USB 插頭充電。
4	Body Fat Analyser 藍牙體脂計	AppoTech Limited 卓榮集成電路科技有限公司	The Body Fat Analyser measures the fat level, hydration level and weight of the body using electric current. Just step lightly on the analyser would allow it to calibrate. With the help of Bluetooth technology, one can save his or her personal measurements using the relevant mobile app using Bluetooth technology. 藍牙體脂計使用電流來讀取身體脂肪水平、水合水平和體重。踏上儀器輕輕校準，通過藍牙利用並應用程序保存你的個人測量資料。
5	Aumeo Audio	Aumeo Audio	Aumeo Audio gives the most pleasure to one's ears. The device supported by a mobile app that can measure one's hearing sensitivity to 8 different frequencies allows one to have a truly tailored audio experience! Aumeo Audio 為用家享受最優質音樂，只需以手機應用程式助你進行 8 種音頻測試，為你提供個人化的聽覺體驗！
6	AZEL MONO: Qi Wireless Charging LED Lamp AZEL MONO: Qi 無線充電手提 LED 檯燈	AZ e-lite	The AZEL MONO is not only stylish but multifunctional. It is a lamp as well as a charging system. It is a portable handheld light without the base. The base itself functions as a Qi wireless charging pad for Qi-compatible mobile devices. AZEL MONO has a one-touch switch, which allows one to turn it on and off and adjust brightness of the lamp. 多用途 AZEL MONO 檯燈是分體式設計，用家可自由組合手提 LED 燈和 Qi 無線充電板，並可輕易提起手提 LED 燈放在任何地方。無線充電 AZEL MONO 檯燈底座是 Qi 無線充電板，可支援所有 Qi 標誌的電子設備進行充電，徹底擺脫糾結纏繞的傳統充電器電線。 One Touch 按鈕操作簡單又方便，輕鬆一按，即可控制 AZEL MONO 檯燈的開關和調校燈光亮度。

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7	Aztech HomePlug Aztech 電源網絡	Aztech	<p>The Aztech HL129EP SmartLink HomePlug AV2 1200Mbps AC Pass-Thru Ethernet Adapter that works on the concept of No New Wires[®] data communications turns in-house power plugs into a power supply network. Using SmartLink Plus technology couples with the Line-Neutral pair and Line-Ground pair of the AC main, it can reduce “dead spot” and increases throughput and network coverage within the home. One can surf the Internet and share data at speeds of up to 1200Mbps PHY rates.</p> <p>Aztech HL129EP SmartLink HomePlug AV2 1200Mbps AC Pass-Thru Ethernet Adapter 利用 No New Wires[®] 數據通信的概念，毋須拉線，只要將 Aztech 電源網絡安裝於單位內不同地方的電源插頭，即可建立一個可靠的家居電源網絡。傳統的 HomePlug AV 標準 200Mbps 數據傳輸速率是利用單一電線作傳輸，而 Aztech 電源網絡 HL129EP 透過電源網絡 AV2 SmartLink 技術，利用兩條電線傳送即時數據，速度可高達 1200Mbps，從而加強 電源網絡的性能表現和覆蓋率。</p>
8	Novita Electronic Bidet 諾維達智能暖溫潔淨廁板	Azureliving International Limited 美康居國際有限公司	<p>Novita electronic bidet has nozzles that spray warm ionic filtered water for cleaning one’s personal areas thus helping to reduce tissue paper use. One can also adjust the water and seat temperature according to individual preference.</p> <p>智能廁板透過不銹鋼噴嘴噴出溫水，能讓你徹底清洗私人部位，減省紙巾使用，並設個性化的清潔方式，如可調節水溫及溫座。</p>
9	Playbulb Comet B/T Smart LED Strip 藍牙智能 LED 燈條	BVGA Mipow (Hongkong) Co., Limited 寶嘉銘浦(香港)有限公司	<p>Playbulb comet is a B/T LED smart light strip. It can be installed in different places indoor for creating different ambience. It comes with 3M double-sided sticky tape, hence easy to install, and can be used immediately after connecting with the adaptor that comes with it. Download the mobile app PLAYBULBX or PLAYBULB from the iOS or Android platform and one can control the brightness, colours, lighting effects, and other time control features of the light.</p> <p>PLAYBULB COMET 的 B/T LED 智能燈條，適合安裝於家居環境，營造不同氣氛。燈條貼有 3M 雙面膠貼，方便安裝和固定位置，只需接上配有的轉接器便可立即使用。產品能透過由 iOS 及 Android 平台下載的 PLAYBULB X 或 PLAYBULB 流動應用程式，操控亮度、顏色、亮燈效果及其他定時操作。</p>

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10	SunZero Liquid Window Film SunZero 節能玻璃塗料	Carbon Exchange (Hong Kong) Limited 香港碳交易有限公司	<p>SunZero Liquid Window Film can be used on various kinds of glass surface. The 7-micrometre super thin nano coating can keep out harmful UV light as well as infra-red heat gain. It dries quickly and can block 99% of heat transmission from outdoor, while allowing 75% of light to get through to the indoor.</p> <p>SunZero 節能玻璃塗料可用於各類型的玻璃表面。僅 7 微米厚的塗層薄膜，能阻隔有害光線和熱力，達致節省能源和保護健康的效益。SunZero 節能玻璃塗料可在施工後快速乾固，附於玻璃表面，持久耐用，能阻止 99% 從室外向室內的熱量傳輸，同時能讓 75% 的光線通過玻璃層。</p>
11	Fun Image: Instant 3D Photo 悅圖: 立體照片系統	City Image Technology Limited	<p>Fun Image is a brand new portable, easy-to-use, instant 3D photo creation and printing system. It uses technology that can automatically reconstruct the depth measurements of an image. Accompanied with the lenticular photo frame, one can create a 3D photo within 2 minutes. The system can be widely used at theme parks, events, tourist spots and in photo studios, etc.</p> <p>全新的悅圖: 立體照片系統讓你更容易及即時製作 3D 照片。這系統的技術是以立體圖像，自動地重新建立影像的深度。配合雙凸透鏡的相架，你可於 2 分鐘內印出你獨一無二的 3D 照片。這系統廣泛應用在主題公園、大型活動、旅遊景點及照相館等。</p>
12	Cloud Energy Management Platform 雲端能源管理系統	CityTone Technology Ltd 城通科技有限公司	<p>Cloud Energy Management Platform (CEMP) offers an innovative energy remote monitoring and control service to all organisations, residence, different buildings, industrial establishments, electricity infrastructure and data centres, providing them with comprehensive responses to help them simplify and enhance energy conservation.</p> <p>雲端能源管理平台系統提供了一個全面和創新的反應分析給所有的機構、住宅、建築、工業，以及電力基礎設施和數據中心的能源遠程監控和控制服務，它可以幫助把節約能源的增長盡可能簡單化。</p>
13	Brain's Up Journey 醒腦遊記	Cognix Limited	<p>Brain's Up Journey is a real-time integrated interactive cognitive assessment platform with cloud-based data storage provision, ideal for use by elderly service facilities giving them access to quick and accuracy cognitive assessment service for their residents or service subjects. No special training is required for the operator and multiple subjects can be assessed at the same time, thus reducing additional manpower and time requirement</p> <p>香港智能化認知評估平台整合互動認知評估(醒腦遊記)，實時監察及雲端數據。系統適用於任何長者服務機構，有助他們為長者提供快捷而準確的認知評估服務。系統不需要受專業訓練的人士操作，更支援一對多同時測試，以減低對人力資源及運作時間的需求。</p>

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14	Cloud-based Home Automation System 雲端智能家居系統	Control Free Limited 易控智能科技有限公司	Control Free's Cloud-based Automation System serves the need at home and even in complex commercial environments. It integrates with home-use smart devices and also professional commercial equipment. One can control home as well as office devices at will without the need for expensive hardware, complicated installations and technical programming. 易控智能科技的智能雲端系統能為你提供全屋智能家居系統及甚至更複雜的商業自動化系統。系統能夠與不同的智能設備甚至專業級商用機器融合使用。不用昂貴的硬件，不用繁瑣的安裝，不用編程的技術，你便可自由操控你的家居及辦公室。
15	Doro Intuitive Smartphone for the Elderly	Doro Hong Kong Limited	The smartphone Doro 825 is tailored for the elderly. It has a user friendly interface backed by a system that links with hospitals and health institutions for immediate assistance in emergency situations. Doro 825 專為長者而設計，此智能手機配以簡易介面，操作簡單。這手機背後其實連繫醫院及醫療機構，萬一長者病發或遇上緊急事故，會立即通知相關機構，提供即時協助。
16	Automated Refuse Collection System 封閉式垃圾自動收集系統	Envac Far East Limited	Envac Automated Refuse Collection System handles wastes and recyclables for a maximum transportation distance of 2 km between a collection point and the central refuse collection station. It is designed to efficiently and effectively transport wastes and recyclables keeping out unpleasant odours and without leakage of dirty water, thus conducive to a comfortable and more hygienic living environment. 恩華特垃圾自動收集系統可處理由收集站至中央垃圾收集站，最多 2 公里運送距離內的垃圾和可回收資源。該系統能輕鬆和有效率地運走垃圾和可回收資源，由於過程無異味亦不會泄漏污水，因此可支援更舒適和更衛生的居住環境。此項自動化系統基本上每天能隨時隨地運作，所有垃圾和可回收資源通過棄置入口運送至系統中。垃圾袋會隨重力掉進並暫存於垃圾槽底部，根據儲存量或預先設定時間而清走。當控制系統啟動時，排氣器會在系統內部建立負壓和相應的空氣入口，讓空氣進入。當氣流達到設計水平，排放氣門會接收信號並打開，垃圾袋掉進底管網，通過每小時高達 70 公里的氣流吸進中央垃圾收集站。垃圾袋是在垃圾分離器的氣流中分開，廢物和可回收資源落進底部並在頂部抽吸空氣。其體積經壓縮後大大降低，方便在運到堆填區前推入垃圾容器中存放。

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17	Interactive PoE Light Panel 互動式 PoE 光板	eSPOT Lighting Limited 螢輝科技有限公司	eSPOT's Interactive PoE Light Panel has distinct features including instant alert display, scheduled message display and occupancy light control. 互動式 PoE 光板能夠作即時警報顯示，並顯示預定信息及佔用式燈控。
18	Smart PoE LED Light Controller 智能 PoE LED 燈控制器	eSPOT Lighting Limited 螢輝科技有限公司	Smart PoE LED Light Controller is LAN-based and in addition to lighting has interactive features and uses 15% less power than AC. 智能 PoE LED 燈控制器只需使用 LAN，並擁有照明外的互動功能，比 AC 省電 15 %
19	Diabetes Foresee	GemVCare 基琳健康	GemVCare™ uses a questionnaire to help screen and prevent diabetes. Its technology (marrying biomedical and information technology) is founded on decades of university research and validated by over 10,000 local clinical cases in our local population. It can be used to screen and prevent diabetes, as well as offer personalised care to those with or at risk of diabetes. Gemomic™以問卷形式作糖尿病預防性測試，其技術（結合生物醫學及資訊科技）建基於大學數十年的科研成果和通過一萬多個本地糖尿病臨床病例的驗證，故可應用於檢測及預防糖尿病上，也能提供個人化護理予患有或有風險患有糖尿病的人士。
20	Hi-Fi Headphones Hi-Fi 耳機	GP Acoustics (Hong Kong) Limited	KEF M500 Hi-Fi headphones equipped with KEF's 40mm neodymium driver deliver a full range of high definition responses from 20Hz to 20kHz. Half the weight of conventional copper wire, their copper-clad aluminium wire voice coil improves HF response to high notes and musical subtleties. The lightweight aluminium frame of the headphone uses the unique multi-directional Smart Hinge that allows it to automatically fit the shape of the head and folds up neatly when not used. The ear pads and headband of the all-aluminium frame are also breathable and sweat resistant. M500 Hi-Fi 耳機沿用 KEF 輕巧而全面的高解析度 40mm 全頻單元 (40mm dynamic neodymium driver)，從 20Hz 到 20kHz 提供全頻高解析回應，播放悅耳、自然及完美平衡的聲音。M500 採用高品質銅鍍鋁線 (CCAW) 音圈，重量僅是傳統銅線的一半，而且提升了高音響應，強化音樂的細節之處。KEF 採用獨特的「Smart Hinge」多角度樞紐設計，令輕巧的全鋁合金框架能自動貼服耳邊，而且容易折疊，而框架以全鋁物料製成，令耳墊及頭帶防汗透氣。

No.	Project	Company	Features
21	Satellite Speaker 衛星揚聲器	GP Acoustics (Hong Kong) Limited	<p>The E301 satellite speaker is a single perfectly balanced system with the crossover, cabinet and drivers working together in harmony. It features the latest iteration of KEF's signature Uni-Q driver array that reduces intermediate signals for clearer sound. To eliminate secondary radiation and cabinet coloration, the enclosures are heavily reinforced with internal ribbing and damping technologies to ensure sonic accuracy with no unwanted resonances. The low diffraction cabinets are carefully engineered to minimise scattering of output. It is simple and easy to hook up the E301 with any AV receiver.</p> <p>E301 衛星揚聲器採用 KEF Uni-Q 同軸共點單元設計，將分音器、音箱與單元完美結合，盡可能減少中間信號，可得到更清晰的聲音。為了消除二次輻射和音染，E301 加強了音箱內部支架的強度，並採用阻尼技術，以確保沒有多餘共振，提升聲音準確度。每個音箱都經過精心設計，以盡量減少散射的可能。E301 能簡單地連接到任何影音裝置。</p>
22	Sensara Senior Care Sensara 老人護理	GreenPeak Technologies	<p>Sensara Senior Care is a non-invasive monitoring system without a camera and works on pattern recognition. The cloud-based analysis can identify unusual situations and alert the user. It is small and easy to install, affordable and mobile app-enabled.</p> <p>Sensara 老人護理的非侵入式監控系統適用於模式識別。這系統透過雲端分析，識別異常情況，並發送警報，而且容易安裝，細小外形，價格合理，並連接手機應用程式使用。</p>
23	Happy-Retired Social Platform 「樂活新中年」 社交平台	Happy-Retired Company Limited 樂活退休族有限公司	<p>Happy-Retired Mobile App provides one-stop information of job opportunities and other activities to retirees or those just retired. It aims to help enrich the lives of retirees and encourage them to continue contributing to the society.</p> <p>「樂活新中年」手機應用程式，一站式地提供適合準退休/剛退休人士的活動和工作資訊，希望充實退休族的生活，一起豐富生命，貢獻社會。</p>
24	OTIO COMFORT ALERT	HBF ASIA LIMITED	<p>OTIO solutions are simple and safe to operate. Supported by the SIGFOX low-throughput and low-power IoT wireless communication network, it requires no local Internet connectivity. OTIO COMFORT ALERT products can be connected with different devices in the home, helping to detect such incidents as smoke or carbon monoxide emissions, drastic temperature changes, power failure or a break in and immediately inform the user via SMS.</p> <p>OTIO 解決方案運用 SIGFOX 低生產量及低耗能物聯網無線網絡，不需使用互聯網網絡，簡單易用及安全。OTIO COMFORT ALERT 可連繫不同裝置並偵測家居意外，如煙霧或一氧化碳排洩漏、極端氣溫改變、斷電及家居被闖入，會即時以 SMS 通知用戶。</p>

No.	Project	Company	Features
25	Automatic Retinal Image Analysis (ARIA) 全自動視網膜圖像分析	Health View Bioanalytic Limited 康訊生物分析有限公司	Automatic Retinal Image Analysis (ARIA) provides fast and convenient stroke risk assessment for patients with diabetes, hypertension and heart diseases. It can accurately assess the risk of a stroke by using just an ocular fundus photo related through the Internet, thus useful anytime, anywhere in the world. 全自動視網膜圖像分析能評估整體心血管狀態，為患糖尿病、高血壓、心臟病等病人，提供方便快捷的風險評估。整個分析只需用一般眼底照相機捕捉眼底圖像，在任何國家、地方、時間都能應用。
26	RF-powered Green Battery 射頻環保電池	IOE Technologies Limited 無限科技有限公司	RF-powered Green Battery is able to power itself on nothing more than ambient radio waves (RF) – the weak WiFi and mobile phone signals that permanently surround us. The power harvested is small but it is almost enough to power a mobile in standby mode indefinitely without ever needing to plug it into the mains. The Battery is able to scavenge relatively large amounts of power from signals around. 射頻環保電池利用自家研發的科技，將周遭環境的電磁波能量收集循環再用。收集的能量足夠提供 4G 手機備用充電。這個產品主要由一組天線群及簡單電子元件組成。天線群收集存在於環境中的 WiFi 及 3G 或 4G 訊號，然後由兩組簡單電路將之轉化為可用的能源。
27	SnapPop	Joy Aether	SnapPop is a mobile app that allows elderly access to information without text input, but only by taking pictures. For example, an elderly can snap a picture of a TV remote control, and SnapPop will play an audio/video clip guiding him or her through how to use the device. The clip can be recorded by the elderly's family in advance. SnapPop provides easy access to information and instructions that can help an elderly live life independently at home. SnapPop 是一個手機應用程式，協助長者獲得資訊，而不需要用任何文字輸入。只需拍下照片，便可發掘更多資訊及說明，例如對著電視遙控器拍下照片，SnapPop 就會播放一段錄音或影片，說明這個遙控器的用法。這段錄音或影片可以由家人預先錄製。SnapPop 可以簡易地提供資訊及說明，幫助長者在家獨立生活。

No.	Project	Company	Features
28	Smart First Aid Box 智能藥箱	Kingdom Majorlink Kiosk Systems Limited	<p>SmartAid Box is a specially designed first aid box capable of reminding a patient to take his medicines at the right time and right dosage, thus can help prevent or reduce medication-related errors. It is especially useful to elderly with memory deficiencies and those who need to take different medicines at different time. SmartAid Box features a LCD display and touch screen access for the convenience of patients.</p> <p>智能藥箱是一個特制的藥箱，它能定時提醒病人服用藥物，防止或減少服用藥的錯誤。智能藥箱能特別幫助一些患有記憶力衰退的長者，透過提醒病人服用藥物。同時，智能藥箱具有透明液晶顯示屏和觸摸屏，以增強互動功能。</p>
29	Interactive Panel	Kingdom Majorlink Kiosk Systems Limited	<p>Interactive Sign is a digital display system that supports content in multiple formats – video, graphic or text – for smart home use. One can view promotional videos, location maps, event schedule, property management notices and news updates on it. One can also synchronise the display with his or her smartphone or tablet for viewing.</p> <p>互動數字標牌是一種數碼標牌系統，能夠將不同的視頻，相片或多個內容在智能家居中顯示。它可用以播放/顯示宣傳片，地圖，活動日程，管理通知和新聞更新。同時，用戶可使用智能手機或平板電腦將內容跟屏幕畫面同步，簡化現有程序。</p>
30	Glasses-free Display with Interactive 3D Games 裸眼 3D 互動虛擬實境遊戲	Marvel Digital Limited 萬維數碼有限公司	<p>Marvel Digital's new glasses-free 3D interactive VR game gives players a revolutionary 3D gaming experience. Equipped with a front motion camera, it captures the player's moves and virtually arms him with fire or ice weapon on screen, allowing the player to appreciate graphical details from different angles and the engaging and realistic setting.</p> <p>萬維數碼推出突破性的裸眼 3D 互動虛擬實境遊戲，其 3D 效果增加額外的視覺深度。配備前置鏡頭捕捉玩家動作，並模擬玩家手執火球或冰球消滅飛行物，可讓玩家從多角度觀看遊戲，彷彿置身遊戲場景，使遊戲更精彩刺激，帶來嶄新的遊戲體驗。</p>

No.	Project	Company	Features
31	Integrated Home Automation System 綜合家居自動化系統	Marvel Web Services Limited 傲天網服務有限公司	<p>Marvel's Integrated Home Automation System permits all-in-one control of lighting, electric window shades and sensors in the home. The fully integrated system gauges user behaviours and provides Big Data analytics to the stakeholders concerned. The system enables monitoring and safe control of lighting and the environment for energy saving. It brings economic benefits from saving energy and provides feedback to the users and helps shed energy load to boost energy efficiency. Its sensor network makes control of microclimate comfort and IAQ easy and reliable. At the push of a button, one can activate night lights or switch off all lighting systems.</p> <p>傲天網服務的綜合家居自動化系統，將燈光控制、電動窗簾及傳感器連接起來，實現燈光設備控制及環境監控，既節能便捷，又安全舒適。這系統能了解用戶生活習慣，為持份者帶來大數據分析。此外，系統能透過節能帶來經濟效益，並提供用戶意見及減載以確保能源效率。系統亦能確保用戶能透過感應網絡控制室內氣候及空氣質素，安全可靠。你只須使用一個按鈕便可啟動傳感器，便可開啟夜間照明系統或關掉所有的燈光系統。</p>
32	Smart Refrigerator 智能冰箱	Midea 合肥美的電冰箱有限公司	<p>The Smart Refrigerator responds to a mobile app that can remotely control temperature of the different compartments helping to keep food stored fresh and healthy for consumption. It has high storage volume and comes with a wide temperature adjustment range.</p> <p>智能冰箱可配合流動應用程式操作，遙距監察冰箱各層的溫度，提供健康的食材管理。智能冰箱儲存量高，並配備寬廣的溫度變化範圍。</p>
33	Augmented Reality Wardrobe 虛擬衣帽間	Moto Innovation Limited 百誌科研有限公司	<p>Augmented Reality Wardrobe is a simple and easy tool that helps one save time for choosing the right outfits. There is no need to go through a closet of clothes and try each and every one on, or miss clothes forgotten at the back of the closet. Just stand in front of the closet and do the mix and match, complemented by weather forecast information and analysis of past preferences to help you find the perfect attire.</p> <p>虛擬衣帽間能為你節省日常配襯衣服的時間，無須翻亂整齊的衣櫥、無須逐件衣服穿上配襯、不怕遺忘某些很久沒穿過的衣物，輕鬆站在衣櫥前，就能襯托出自己喜歡的服飾配搭。配合天氣預報提示及穿衣習慣分析，更能確保選配適合你的服飾。</p>

No.	Project	Company	Features
34	nexpaq modular smartphone case	nexpaq	<p>nexpaq is a modular IoT platform for users to truly link hardware and software via the Internet. Users can customise the functions of their devices by adding or removing modules, like memory add-ons, batteries, or cameras and sensors. Its first product is the nexpag handset module that allows users to upgrade their handsets adding new functions and features of their personal liking.</p> <p>透過 nexpaq 技術，所有硬件及軟件能透過互聯網真正的連結起來。nexpaq 的核心專長為模組化技術及物聯網裝置，其首個推出的裝置為 nexpaq 模組化機殼，透過嶄新「自砌機殼」概念利用新增的模塊裝置，讓智能手機用戶即時為手機進行升級、個人化及新增功能。</p>
35	Abacus Lamp 算盤燈	NowHere® Design Limited 現·在設計有限公司	<p>The abacus-design lampshade has beads that can be moved for adjusting the shading when the light is on. The options are endless. It is an attempt to integrate traditional culture, folk arts and crafts with design and technology, a new interpretation of Chinese culture.</p> <p>利用算盤做燈罩，開燈時會投射珠的影子，可按需要調配珠串遮光。每一盞燈每一次都有不同光影，千變萬化。放在家居猶如雕塑藝術品一樣！值得我們再思考，把傳統文化、民間手工藝融入設計科技，重新認識中國文化。</p>
36	Elderly Companion 老友狗狗	Ocean Unicorn Technology Limited 海麟科技有限公司	<p>Elderly companion is an interactive AI pet dog designed to assist and enrich the lives of the elderly. It is speech or touch activated with the pet dog giving the elderly different responses, keeping him or her active or it can even seek help for the elderly in cases of emergency.</p> <p>老友狗狗是一個互動的人工智能機械小狗，旨在幫助和豐富長者的生活。使用者可通過語音或觸摸與老友狗狗互動，狗狗會作出不同反應，跟用家玩耍，甚至幫使用者對外求救。</p>
37	Philips Hue Personal Wireless Lighting System 個人無線照明系統	Philips Lighting Hong Kong	<p>Philips Hue allows one to control his personal lighting system from anywhere using his smart phone and can be used together with Siri.</p> <p>個人無線照明系統利用你的智能手機隨時隨地控制你的無線照明系統，更可配合 Siri 使用。</p>
38	Hand of Hope 希望之手	Rehab-Robotics Company Limited 復康機器人技術有限公司	<p>Hand of Hope is a sEMG-driven robotic hand exoskeleton for stroke rehabilitation. It is a therapeutic device that helps patients relearn and regain hand mobility. Based on the principle of neuroplasticity, through repetitive training, a person who suffered a stroke and lost mobility in the hand can perform daily activities such as opening the hand, holding and picking up objects.</p> <p>希望之手用於中風病人的康復，以表面肌電訊號驅動的機器手。通過重複的訓練，使一個中風癱瘓的病人，可以進行正常開手，握住和撿起物件等日常活動。</p>

No.	Project	Company	Features
39	FaceMust Access	SecurePro Group (Holdings) Limited 安寶集團 (控股) 有限公司	<p>FaceMust Access is a face recognition terminal secure and convenient to use. It uses biometric technology combined with state-of-the-art hardware to provide fast and accurate security control. The contactless identification system makes the home safer and can work independently or in a network environment.</p> <p>FaceMust Access 是一個面部識別的平台，便利而且符合高度安全性。系統擁有多項功能，結合了生物識別技術和高端的硬件設備，提供快捷準確的保安控制，以非接觸式身份驗證，強化家居安全，並且可在獨立或網絡環境下使用。</p>
40	SCube 小立方	Shopping Plus Limited 創思維有限公司	<p>SCube is a multi-functional smart home system. It comes with highly secure creative icons and password activation capability that enable different professional security solutions. With the help of the relevant mobile app, it supports real-time communication with a guest and control of locks wherever you are.</p> <p>小立方是集多項功能於一身的智能家居系統，如多種高安全性的創意圖形及數字密碼輸入方式，並配合專業安全解決方案。不論用家在何方，可透過手機應用程式與客人即時通話、控制門鎖。</p>
41	AirProce (Smart Purification System for Health Breathing)	SP Infinite Technology Limited 安寶創科有限公司	<p>AirProce (Smart Purification System for Health Breathing) can monitor real-time indoor air quality (IAQ) (including particulate matters (PM2.5), total volatile organic compound (TVOC), temperature & relative humidity), effectively filter ultra-small particles including bacteria & virus and TVOC & smell, e.g. formaldehyde, cigarette smoke & odours of pets, etc. It can be connected with a mobile handset for the users to read the IAQ data & control the system remotely. It also works in association with other mobile IAQ data system and adjusts automatically for optimum filtering in respond to different air quality conditions.</p> <p>AirProce 實時監控室內空氣環境質素 (懸浮粒子/有機揮發物/溫濕度)，有效過濾細菌病毒等超微粒污染物，極速過濾空間污染物 - 高含量 TVOC 過濾層，含活性氧化鋁及氧化鋁，高效吸附及分解有機揮發物包括甲醛及氣味如煙味及寵物味等。此系統可連接手機，搖距控制並與其他手機空氣數據-自動開關及風速調控系統，就著環境空氣質素而自動調速，將淨化效益最大化。</p>

No.	Project	Company	Features
42	Nano Coating Self Cleaning Solar Panel 自動清潔納米塗層太陽能光伏板	Sunlight Eco-tech Limited 新盈環保科技有限公司	The Nano Coating Self Cleaning Solar Panel is covered with a screen-printed nanocomposite coating that allows self-cleaning of PV module with the formation of a water sheet that can wash away inorganic dirt. It is environmentally friendly as it is water-based and contains a relative lower content of volatile organic compound (VOC<3g/L) and zero heavy metals. 自動清潔納米塗層太陽能光伏板屬高度分散的絲網印刷納米複合漿，能自行清潔太陽能光伏板，並組成水幕把非有機污垢沖走。它屬於水性環保產品，含較低揮發性有機化合物（每公升少於3克），而且不含重金屬。
43	Filament LED Bulb 燈絲 LED 燈泡	Super Trend Lighting (Group) Limited 超時代光源(集團)有限公司	It is an innovative and stylish series of chips-on-cord LED bulb of classic bulb size and shape. The special filament structure delivers 360° lighting distribution more similar to a traditional incandescent bulb than ordinary LEDs. It boasts high luminous efficiency, hence ideal for replacing decorative incandescent bulbs and can be widely used in homes, restaurants, shops and hotels. 燈絲 LED 燈泡結合創新與時尚的 chips on cord 技術，並以經典燈泡大小和形狀設計。特別的燈絲結構能 360 度發光，相比普通 LED 燈，其發出的光更像傳統鎢絲燈泡。它能發出更光亮的光效，可廣泛應用於家居、餐廳、商店及酒店，是裝飾用白熾燈泡的理想替代品。
44	Room Light Induced Antibacterial Curtain 可見光催化抗菌窗簾	The Hong Kong Research Institute of Textiles and Apparel 香港紡織及成衣研發中心	A novel photocatalytic bactericide is applied on textile curtains and wall papers. Induced by light in a room, the bactericide-treated curtains or wall papers can help suppress bacteria growth and improve indoor hygiene. The product is suitable for use in public institutions, such as hospitals, kindergartens, nursing homes or health-care centres. 可見光催化抗菌劑應用在窗簾、壁紙等織物上，透過室內可見光，安全有效地發揮抗菌功效，容易使用，幫助抑制細菌生長，改善室內環境衛生。此可見光催化抗菌紡織品適合應用於醫院、幼兒園、護老院及康復治療中心等公共機構。
45	Antibacterial Chitosan Textiles 抗菌殼聚糖紡織物	The Hong Kong Research Institute of Textiles and Apparel 香港紡織及成衣研發中心	A newly developed spinning technology is used for producing chitosan and blended yarns with antibacterial function. The higher is the chitosan content in the yarns, the better is their antibacterial performance. Chitosan-knitted fabrics are suitable for producing material and clothing for military and medical uses. 此新開發的紡紗技術，專門紡製符合抗菌要求的殼聚糖及混合紗線。越高成分的殼聚糖紗線產品，其抗菌效能越好，此技術生產的殼聚糖紗線，適合製作軍用及醫護衣物。

No.	Project	Company	Features
46	DIY Wireless Smart Home System DIY 無線智能家居系統	Tronico Technology Company Limited 創力高科技有限公司	<p>The Wireless Smart Home System uses the international wireless protocol – Z-wave and interoperates with different devices and mobile apps to achieve lighting control, home security, air-con control and real-time surveillance in the home. Apart from the one button scenario control, the system can perform energy monitoring and management - analysing the power consumption in different areas using the clamp sensor/smartplug.</p> <p>無線智能家居系統利用國際認可的 Z-WAVE 無線通信技術，使無線智能產品互聯互通，配合手機應用程式，執行如燈光控制、家居安防、空調控制、實時監察等應用。系統除設一鍵場景外，還有能源監控，分析不同區域及電器之用電量。</p>
47	Indoor Air Quality Monitor 室內空氣監測系統	uHoo Limited 優呼有限公司	<p>The uHoo Indoor Air Quality Monitor provides real-time as well as historical air quality data - temperature, relative humidity, carbon monoxide and carbon dioxide level, PM2.5, total volatile organic compound, ozone, and air pressure. It allows a user to better understand his or her home environment and gives personalised advice to assist improvement of the home environment for healthier living.</p> <p>uHoo 室內空氣監測系統提供實時空氣質素資料，包括溫度、相對濕度、一氧及二氧化碳、懸浮粒子、揮發性有機物、臭氧及氣壓，這些數據更可儲起作日後分析之用。uHoo 室內空氣監測系統能讓你更了解家居的空氣狀況，提供個人化建議，讓你改善家居環境，活的更健康。</p>
48	Integrated Health Monitoring System 綜合健康監測系統	We Software Limited 慧訊軟件有限公司	<p>The Integrated Health Monitoring System integrates health devices for real-time service and operation monitoring, providing immediate alerts and notification and health condition change analysis. The centralised workflow management and task logging function enhances the efficiency and accuracy of data storage. The system can enhance family care with family members able to view and monitor their health data and daily activities, and also receive instant alert in case of accident. It also supports the work of different types of elderly care centre.</p> <p>綜合健康監測系統結合健康裝置，提供實時服務及營運監察、即時警報、提醒及健康狀況趨勢分析。中央工作流程管理及工序紀錄，能夠提升儲存數據效率及準確度。整個系統有助家庭和諧，各成員可檢查及監察身體狀況及日活動的數據，當意外發生時獲得即時通報，同時支援不同類型的長者護理中心。</p>

No.	Project	Company	Features
49	ActivHearts 動態心率測量技術	Well-being digital Limited 衛保數碼有限公司	<p>ActivHearts™, which uses the extremely accurate heart rate measurement technology Photoplethysmography (PPG), can be applied in earphones and wrist watches. Its R&D focus has been to ensure accurate Heart Rate (bpm) can be obtained even when the subject is moving and in continuous real-time by using a strong algorithm that removes motion artifact, with the final finding sent to a smartphone via Bluetooth Smart. It could be the world's smallest Earbud design dedicated to deliver the user's heart rate data via BT Smart and is compatible with all third party apps.</p> <p>動態心率測量技術 (ActivHearts ™) 利用光體積變化描記圖 (PPG) · 能精確量度心率 · 應用在耳機和手錶上 · 其研發集中於計算精準的心率(bpm) · 確保在動態情況下仍然能量度精確 · 並透過強大演算法持續做到實時計算 · 消除動態偽影 · 及利用藍芽智能將結果傳送至手機 · 其研發成果可能是世界上最小的動態心率耳塞式設計 · 通過 BT Smart 傳送並且兼容所有第三方流動應用程序 ·</p>
50	Atmospheric Water Machine 空氣製水機	Xammax International Limited 琛瑪國際有限公司	<p>The machine can extract pure water from air and the water collected and filtered is suitable for drinking directly. Using with the relevant mobile app and via the central server, the user can monitor and control the machine real-time using his mobile phone.</p> <p>空氣製水機從空氣中抽取純水 · 經收集及過濾後直接飲用 · 更設有手機應用程式 · 經中央伺服器 · 可監控實時操作 ·</p>
51	Solar Paver 太陽能地磚	Xammax International Limited 琛瑪國際有限公司	<p>The paver is powered by solar energy and can switch on and off automatically. With specially designed optic diffuser, the light generated can evenly diffused on its surface.</p> <p>此地磚由太陽能供電 · 並設有自動開關 · 光學片經特別設計 · 燈光會平均散射於地磚表面 ·</p>