

The Future is Smart: Taiwan's Most Innovative Companies to Unveil Transformative AIoT Products at CES 2019

Jan 7th Press Conference Offers Sneak Peek of AI Facial Recognition Engine, Underwater Drone, Smart Retail Signage Shelf, and Sterilizer that Turns Water into Sanitizer

LAS VEGAS, Nev., December 11, 2018, International CES – Ushering in an exciting new year, the Taiwan External Trade Development Council (TAITRA), Taiwan's foremost trade promotion organization, will provide a first look at breakthroughs from some of Taiwan's most innovative companies poised to lead the current AIoT trend. At the January 7th press conference at CES 2019, AI and facial recognition pioneer CyberLink, startup ELECLEAN, flat panel displays firm Innolux, and advanced unmanned autonomous vehicle (UAV) technology systems developer ThunderTiger, will showcase products that have the potential to dramatically improve people's work and everyday lives – not just in Taiwan, but globally.

These breakthrough products – which include a highly precise AI facial recognition system, a futuristic underwater drone, a smart digital shelf display, and a portable sterilizer device that turns water into disinfectant – are breakthroughs soon to be unveiled in the backdrop of a host of innovations launched in Taiwan this year.

Taiwan, a country known for its key role in the global supply chain of the information and communication industry, welcomed the launch of Amazon's latest innovation center in August, and pulsates with an invigorating atmosphere for product designers and manufacturers. Taiwan's many cutting-edge AIoT innovations, exemplified by four presenting companies – also winners of the prestigious Taiwan Excellence award – will be unveiled at “The Future is Smart: Taiwan Innovations for 2019 & Beyond” CES press conference:

- **CyberLink – FaceMe**

With years of research in the fields of artificial intelligence and facial recognition, CyberLink's FaceMe® is one of the world's most highly precise facial recognition systems. Powered by deep learning and a neural network algorithm, its high precision yields up to a 98.41% true acceptance rate (TAR) with a false acceptance rate (FAR) of less than 10^{-6} (0.000001). With such high precision, FaceMe is perfect for security and surveillance solutions and multiple applications such as smart homes, smart offices, smart retailers, and smart cities. Its AI facial recognition engine runs smoothly on systems with less memory or with lower CPU/GPU computing power, allowing deployments into a price-sensitive mass market.

CyberLink, in addition to its expertise in AI and facial recognition, has shipped several hundred million copies of its multimedia software and apps, including the award-winning PowerDirector, PhotoDirector, and PowerDVD. Over the years CyberLink has forged close long-term partnerships with the world's leading personal computer and peripheral device manufacturers. Through hardware preloading, CyberLink provides PC brands with versatile application software that helps them fulfill the needs of end customers.

- **ELECLEAN - Disinfectant Sprayer**

ELECLEAN's Disinfectant Sprayer is the first ever portable sterilizing device that transforms water into disinfectant, eliminating bacteria and viruses. After storing water in the container, simply press the switch to produce ROS (Reactive Oxygen Species) and create a spray that can

reduce common germs in daily life. It is certified effective in destroying 99.99% of contagions like E.coli, H1NI and enterovirus. It does not contain chemical add-ons and is light enough to be carried around. It serves as the perfect tool in cleaning the environment and disinfecting the human body.

- **Innolux - Electronic Shelf Labels**

Redefining the future of retail, Innolux's new digital shelf label displays allow you to ensure product information is kept current by letting content be updated easily and efficiently. The new 23.1" and 29" bar type TFT electronic shelf label displays feature an extra widescreen and are ideal for applications such as electronic shelf labels used to display product details, pricing and any special offers. With a digital shelf label display, you can ensure product information is kept current by ensuring content can be updated easily and efficiently.

Innolux is one of the world's key manufacturers of flat panel displays, which they supply to some of the world's well-known TV brands. Its all-inclusive product lines span the full range of TFT LCD panel modules and touch panels, including TV panels, PID, desktop monitors, notebook computer panels, small and medium-sized panels, and medical and automotive panels.

- **ThunderTiger - Seadragon XLR under water ROV system**

An autonomous water robot, Seadragon at its core is a remote-controlled submarine for surveillance, rescue, and marine research. The nifty device is highly maneuverable thanks to its vectored thrust configuration and possesses additional stabilizing capacity optimized for inspection and research-class missions. Its cross-platform interface is user-friendly and intuitive to use. The Seadragon can explore to depths of 200 meters (218 yards) and has quick-swappable batteries for long missions. It is also equipped with a maneuverable hand and a flashlight. Seadragon is among the leaders of the emerging underwater drone market.

A global leader, Thunder Tiger has specialized in the design and manufacture consumer grade remotely controlled aircraft for 40 years. In the fiercely competitive drone market, Thunder Tiger has used its core competencies to develop larger unmanned vehicles for industrial and commercial uses and applications, ranging from Detecting Radar Rescue Unmanned Aerial Vehicles (UAV) to Underwater Remotely Operated Vehicles (ROV).

TAITRA's Taiwan Innovations Press Conference @ CES 2019

On January 7th, TAITRA will host the press conference at the Mandalay Bay South Convention Center, Lagoon K, Level 2, in Las Vegas from 4pm to 5pm. The event will provide early access to these innovative companies' spokespeople and their products, as well as the opportunity to hear from senior officials from TAITRA and the Taiwan government. Media representatives are encouraged to register in advance or to request for one-on-one media interviews [here](#).

Visit TAIWAN Excellence Pavilion @ CES 2019

Throughout CES 2019, TAITRA will showcase some of Taiwan's best in information and communications technologies at the Las Vegas Convention Center, Hall 1, #20636. The Taiwan Excellence team and respective company representatives will demonstrate the latest advancements in smart home, smart healthcare, smart transportation, gaming and more.

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Information about Taiwan Excellence / Bureau of Foreign Trade, MOEA and TAITRA:

The symbol of Taiwan Excellence was established in 1992 by Taiwan's Ministry of Economic Affairs, and subsequently the Taiwan Excellence Selection was launched the following year. The selection is based on the distinct criteria of R&D, quality, design, and marketing. Products that have been selected for the Taiwan Excellence Awards would serve as examples of the domestic industries and be promoted by the government in the international market in an effort to shape the creative image for Taiwanese businesses. This year marks the 26th selection, making the symbol of Taiwan Excellence a prestigious brand for enterprises in Taiwan to strive and be recognized by, and is highly reputed throughout the world. Please visit www.taiwanexcellence.org for more information.

Organized by:

The Bureau of Foreign Trade (**BOFT**), under The Ministry of Economic Affairs (**MOEA**) of Taiwan, is responsible for implementing policies and regulations governing foreign trade, economic cooperation, and foreign investments. Established in January 1969, BOFT's role and position have undergone ongoing adjustments to meet the needs of a shifting international economic and trade environment. BOFT has been guiding and working with the Taiwan External Trade Development Council (**TAITRA**) in numerous trade promotion projects and activities both internationally and domestically. Having worked closely with TAITRA for many decades, BOFT continues to entrust TAITRA with various critical government projects relating to trade and investments, promoting Taiwan on every international aspect.

Organized by:

Taiwan External Trade Development Council (**TAITRA**) is the foremost non-profit, semi-governmental trade promotion organization in Taiwan. Founded in 1970 to help promote foreign trade, TAITRA is jointly sponsored by the government, industry associations, and several commercial organizations. TAITRA assists Taiwanese businesses in strengthening their international competitiveness and in dealing with the challenges they face in foreign markets. TAITRA boasts a well-coordinated trade promotion and information network consisting of over 1,200 trained specialists stationed throughout its Taipei headquarters and 60 branches worldwide. Together with sister organizations, the Taiwan Trade Center (**TTC**) and Taipei World Trade Center (**TWTC**), TAITRA has created a wealth of trade opportunities through effective promotion strategies. www.taitra.org.tw

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