

The Tianma Group introduces SLT Technology to enable LCD operation in extreme cold



Chino, CA, April 22, 2019 – [The Tianma Group](#) has developed a new technology designed to allow LCDs to function normally in extremely low temperatures, down to -45 deg. C. Labeled SLT (Super Low Temperature), this technological advancement adopts a proprietary new design scheme, process and materials, all to solve the response time problem inherent with traditional LCDs. Tianma will demonstrate the SLT LCD Technology at [Display Week 2019](#).

When a traditional LCD is subjected to super-low temperatures, content cannot be displayed properly, if at all, exhibiting significant ghosting of dynamic images and slow response time. However, a panel with Tianma's SLT technology can display dynamic pictures at these extreme conditions with no ghosting / delay phenomenon.

SLT-enhanced LCDs can be reliably used in a wide range of applications where cold-weather operation is required, including automotive, aerospace, construction machinery, mountaineering, scientific research, and other extreme cold conditions.

Tianma's SLT Technology is ready for use in new products.

The new SLT technology, along with The Tianma Group's expansive family of displays and technologies, will be showcased at [Display Week 2019](#), May 14 to 16 in San Jose, California, USA, in Booth 1007. Tianma's online press kit can be found at: <http://sid.vporoom.com/Tianma>

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About Tianma America, Inc.

Tianma America (TMA) is the leading provider of small- to medium-size display solutions to the Americas market utilizing advanced technologies and manufacturing resources of the Tianma Group Companies, which includes Tianma Micro-electronics (Shenzhen and Shanghai) and Tianma Japan, Ltd. (formerly known as NLT Technologies Ltd.), as well as manufacturing locations in Chengdu, Wuhan, Xiamen, Shenzhen and Shanghai China. Tianma America technologies can be found in smartphones, tablet PCs, industrial and medical instrumentation, wearables, home automation, household appliances, office equipment, and automotive and rear seat entertainment devices. Additional applications include test and measurement systems, instrumentation equipment, point-of-sale and ATM systems, gaming systems, global positioning systems, radio-frequency identification devices and barcode scanners.

Tianma America's technology portfolio comprises TFT, LTPS, Oxide-TFT, AM-OLED, flexible, transparent, 3D, PCAP and In-cell/On-cell integrated touch. With a network of best-in-class distributors and value-added partners, Tianma America provides complete display module solutions for a broad base of customers and applications.

The content in this press release, including, but not limited to, product prices and specifications, is based on the information as of the date indicated on the document, but may be subject to change without prior notice.

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