



DT Research Showcases First Rugged Tablet Purpose-built for 3D Interactive Training, First Responders and Law Enforcement

3D Interactive Training Goes Mobile Using Sleek Military-grade Tablet with 14-inch Sunlight Readable Screen and High Performance NVIDIA GeForce GTX Graphics Card

INDIANAPOLIS, FDIC International 2018, April 26, 2018 – [DT Research](#), the leading designer and manufacturer of purpose-built computing solutions for vertical markets, today announced the DT340T, an IP65 rated Rugged Tablet with a 14-inch full-HD vivid display and dedicated high-performance NVIDIA GeForce GTX Graphic Card that supports high video processing within a wider screen. For the first time, interactive 3D training for aerospace, firefighting, military, medical, manufacturing and other environments that require highly detailed simulations are no longer restricted to an office environment.

The DT340T was also designed to meet the specific needs of law enforcement officers and first responders, who now have a versatile device that can be used in-vehicle, in the field and at the desk. For optimal in-vehicle use, DT Research has developed a unique cradle-mount for the DT340T that has a security lock, quick release and detachable keyboard, which instantly turns the device into a mobile tablet. The high power of this rugged tablet will give first responders confidence that the device will be ‘always on’ with a 180-watt hot-swappable battery pack that can run continuously for multiple days.

“Until now, 3D interactive training has been deskbound,” said Daw Tsai Sc.D., president of DT Research. “We saw the need to bring 3D simulations into the field with a large-screen portable unit that is powerful enough for 3D animations, but stays cool after hours of continuous use. At the same time, the market has not provided law enforcement officers and first responders with a single solution that spans their entire work environment from the vehicle-field-office. We looked closely at all the requirements for these users and designed a comprehensive solution that will make them more effective and productive during their entire shift – including some nice-to-have features like a dual cup holder.”

The DT340T will be showcased at [FDIC 2018 – Fire Department Instructors Conference](#), on April 26-29, 2018 at the Lucas Oil Stadium in Indianapolis. Conference attendees can come by booth 8012 to see the DT340T Rugged Tablet in action with 3D interactive software.

The DT340T is a large screen, lightweight and high powered MIL-STD tablet with a built-in dedicated graphic card and detachable keyboard, which can also be locked for added security. The tablet has been purpose-built for 3D animations, law enforcement and first responders in a variety of environments including: firefighter training, military defense training, pilot simulation, medical imaging, and manufacturing automation training.

The DT340T includes the following features and capabilities:

- **Brilliant 14-inch Sunlight-readable Display** – 14-inch Full-HD LED-backlight screen with capacitive touch. Display resolution is 1920 x 1080.
- **Dedicated High Performance Graphic Card** – Pre-integrated NVIDIA GeForce® GTX 1050 graphic card with 4GB VRAM is optional.
- **High Performance CPU and Windows OS** – Intel® 8th Generation Core™ i5 or i7 quad-core processor with Microsoft Windows® 10 IoT Enterprise. Units come with either 8 GB, 16 GB or 32 GB of RAM and up to 1 Terabyte of data.

- **Dual high-capacity, hot-swappable battery packs** – Delivers 120 watt or 180 watts for up to 18 hours of continuous mobile use.
- **Superior Wireless Connectivity** – Wifi and Bluetooth 4.0 LE are standard with option for 4G LTE/AWS mobile broadband. A dual pass through antenna for the docking cradle is also an option.
- **Military Standards** – For use in harsh environments, the tablet is fully ruggedized to meet the highest durability standards with an IP65 rating, MIL-STD-810G for vibration and shock resistance and MIL-STD-461F for EMI and EMC tolerance.
- **GNSS Module** – U-blox M8 GNSS module with concurrent reception of GPS and GLONASS combined with industry-leading 167dBm navigation sensitivity.
- **Smart Card, Camera & SD Slot** – Tablets include full-slot CAC Reader and 1 micro SD card slot. A full-HD 2 mega-pixel front camera is optional.
- **Unique Cup Holder Extension** – Units can be ordered with a dual cup holder extension that folds out from the bottom of the unit.
- **Accessories** - The DT340T tablet is complemented by a variety of customized accessories to meet numerous deployment needs, including: vehicle mount cradles, detachable keyboards, docking keyboards, digital pens, foldable table stands, and battery charging kits.

Availability

The DT340T Rugged Tablet is available now from DT Research's authorized resellers and partners.

About DT Research

DT Research™, an early Mobile Tablet pioneer and leading designer and manufacturer of purpose-built computing systems for vertical markets, delivers the world's most comprehensive line of Rugged and Industrial-grade Tablets, Mobile POS Tablets, Digital Signage Systems and Medical Computing Solutions. DT Research products are uniquely designed with customizable built-in options assembled in California, providing customers with rapid time-to-market solutions. The DT Research family of products is based on embedded computing platforms that power secure, reliable and cost-effective computing. DT Research systems offer computing mobility within industrial and harsh environments through durable solutions with wireless connectivity, high-quality touch displays, and Windows® operating systems. More than 200 organizations across the globe rely on DT Research solutions in industries such as government, healthcare, hospitality, logistics, military, retail and warehousing. DT Research is headquartered in Silicon Valley, California with offices in China and Taiwan. For more information, visit www.dtresearch.com and follow @dtresearch, #MobileTablets and #RuggedTablets.

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