DT Research's DT302RP Transforms Rugged Tablet Design for Peak Performance in Field Environments

DT302RP Combines Unparalleled Security, BEAM Technology Microphone Array and Advanced Battery Performance within a Slim, Ultra-Rugged Design

ORLANDO, FL., February 26, 2024 – DT Research, the leading designer and manufacturer of purpose-built computing solutions for vertical markets, today announced the DT302RP rugged tablet, which elevates the standards for rugged tablets designed for field environments. Set to be showcased February 27-29, 2024 at DISTRIBUTECH International in DT Research's booth 3174, the DT302RP redefines the landscape of rugged computing and introduces a suite of cutting-edge features designed to elevate the dynamic demands of field professionals in harsh environments.

"The DT302RP rugged tablet represents eight years of engineering refinement and incorporates essential insights from our customers, including invaluable input from the Department of Defense (DoD)," stated Daw Tsai, President of DT Research. "We aim to harmoniously integrate cutting-edge technology with the practical demands expressed by our user community. Through the incorporation of DoD input, we've reshaped security standards for rugged tablets, guaranteeing the highest level of data protection in mission-critical environments."

Equipped with a Microsoft® Windows® 10/11 IoT Enterprise operating system, the DT302RP is purpose-built to provide peak performance and security in demanding environments. Ideal for outdoor use, the tablet includes a sunlight-readable 10-inch capacitive touchscreen and a hot-swappable battery to deliver uninterrupted 24/7 operation. The DT302RP is designed with an antimicrobial coating to inhibit the growth of microorganisms and a detachable keyboard option for versatile 2-in-1 applications.

The DT302RP also encompasses an array of advanced and enhanced features.

Unique Security Feature: Removable SSD
The DT302RP introduces a unique Department of Defense (DoD)-approved removable SSD feature, allowing users to secure sensitive data effortlessly. This tablet provides the flexibility to separate data from the device and manage it differently through black/red drive options, with the added ability to lock all hard drives for unparalleled security.

Microphone Array with BEAM Technology
Designed to facilitate clear communication in noisy environments, the DT302RP includes a microphone array featuring BEAM technology. Dual microphones provide directional sound capture and noise cancellation, ensuring users' voices are heard even in challenging conditions, thereby enhancing overall efficiency and productivity.

Advanced Battery Performance and Improved Thermal Management
Enhancing the user experience, the DT302RP offers improved battery life with hot-swappable batteries, providing uninterrupted usage without downtime for charging. Engineered to operate efficiently in any environment, this tablet eliminates concerns about overheating, even in extreme conditions.

Slimmer Design, Yet Ultra Rugged

Striking the perfect balance between IP65 and MIL-STD-810G-certified durability and efficiency, the DT302RP incorporates a slimmer design, setting a new standard for rugged yet portable computing solutions.

Improved Handle with Three Options

Users can tailor their tablet-carrying experience with the DT302RP's improved handle, offering three distinct options: no handle for a minimalist feel, a retractable handle for added versatility, or a fixed handle for maximum stability. These choices provide versatility to accommodate various field environments and user preferences.

Redesigned Hand Strap

Ensuring a secure grip during use, the DT302RP features an improved and tightly integrated hand strap that enhances grip, comfort, and durability for field professionals.

Availability

The DT302RP is immediately available 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 GNSS Tablets, Mobile POS Tablets, Convertible Laptops 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 that are TAA compliant. 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, construction and warehousing. DT Research is headquartered in Silicon Valley, California. For more information, visit www.dtresearch.com and follow @dtresearch, #MilitaryTablets, #RuggedTablets and #GNSSTablets.

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