ideum

DESIGNED & BUILT IN THE USA

TAA COMPLIANT

PANO DUAL 49 SPEC SHEET v3.0 / U.S. Patent No. 10225509 / EFFECTIVE 4/12/2023
Specifications are subject to change without notice.

1

The Pano Dual 49" is an ultra-wide multitouch table that is nearly 90 inches long. It comes with dual 49" 4K Ultra HD LG commercial displays rated 24/7. The Pano Dual 49" uses a Zytronic bezel-less PCAP touch sensor that supports 40 simultaneous touch points. The contiguous dual UHD displays provide a unique 7680 x 2160 pixel ultra-wide surface.

The Pano is equipped with a powerful integrated Intel™ processor, NVIDIA™ discrete graphics card, and push-button power. The Pano comes standard with Windows 11 Pro and can run any supported PC applications.

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The Pano Dual 49" touch table is built with Ideum's patented aircraft-grade aluminum frame that, like its chassis, is covered with a durable powder coat. It has a lockable enclosure and is ready for multi-person use in demanding environments. Pano systems are used in research labs, control rooms, and other essential areas.
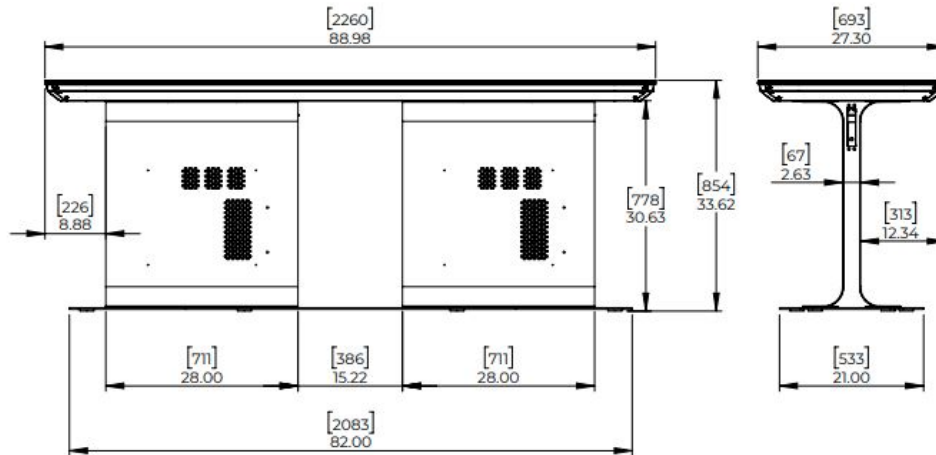
The Pano can also be found in busy public spaces, such as the Hoover Dam Visitor Center, the Museum of Science and Industry, and Science World British Columbia, other leading museums. All of Ideum's hardware is backed by a three-year warranty.

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WEIGHT
357 LBS
162 KG*

SHIP WEIGHT
650 LBS
295 KG*

Weights may vary slightly.

Interactive Display

› 89" Panoramic Matrix (measured diagonally)
› Dual 49" 4K UHD LG Commercial 24/7 Displays (7680x2160)
› Zytronic PCAP touch system

› ±7 ms touch response time
› 40 simultaneous touch points
› Up to 200 FPS sample rate
› LG Commercial Displays rated 24/7

› Continuous ultra-clear, low-iron, 5mm tempered glass surface
› Native contrast ratio 1000:1
›• 500 nit (cd/m2) luminance

Integrated System

› Single push-button power
› Custom lockable enclosure
› Windows 11 Pro
› Universal 110-240V power system
› 4 amps or 400 W at max load, approximately 1 amp at idle.

STANDARD

› Intel Core i5-12600K processor
› RTX 4000 8GB GDDR5 NVIDIA graphics card
› 250GB NVMe M.2 SSD with upgradable storage options
› 16GB DDR4 RAM

PERFORMANCE

› Intel Core i7-12700K processor
› RTX 4000 8GB GDDR5 NVIDIA graphics card
› Dual 250GB NVMe M.2 SSD with upgradable storage options
› 32GB DDR4 RAM

Connectivity

› TPM/TPP compatible for secure environments
› WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0

› RFID (optional)
› Wireless keyboard with integrated trackpad
› Direct access via USB ports

› Audio output via 1/8" audio jack
› HDMI Output (PC)
› Communication hardware can be removed upon request for secure environments

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Customizations

Clip-On Casters

These sturdy casters make it easy to move the touch table, but they are easily retractable to provide a stable surface when the table is in use.

Colors and Finishes

Available in hundreds of RAL color and finish options. (1-2 weeks additional lead time.)

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Software

The Pano Dual 49" touch table comes with Windows 11 Pro and supports PC applications. Applications that are optimized for touch work best.

Ideum offers custom software development. We have experience developing interactive applications mostly for public spaces. Our expertise in a broad range of programming environments allows our work to span the realms of informal and formal education, interactive technology, art, and entertainment.

ALSO AVAILABLE

Tangible Authoring

Ideum multitouch tables support the Tangible Engine object recognition SDK.

Tangible Engine 2 is an authoring environment supporting the use of fiducial object recognition on Ideum multitouch tables. This software allows for the unique recognition of objects with 3D printed conductive patterns. Tangible Engine 2 includes test objects, a Visualizer / Configurator Tool, an SDK, and documentation.

Pricing and more information can be found at: tangibleengine.com
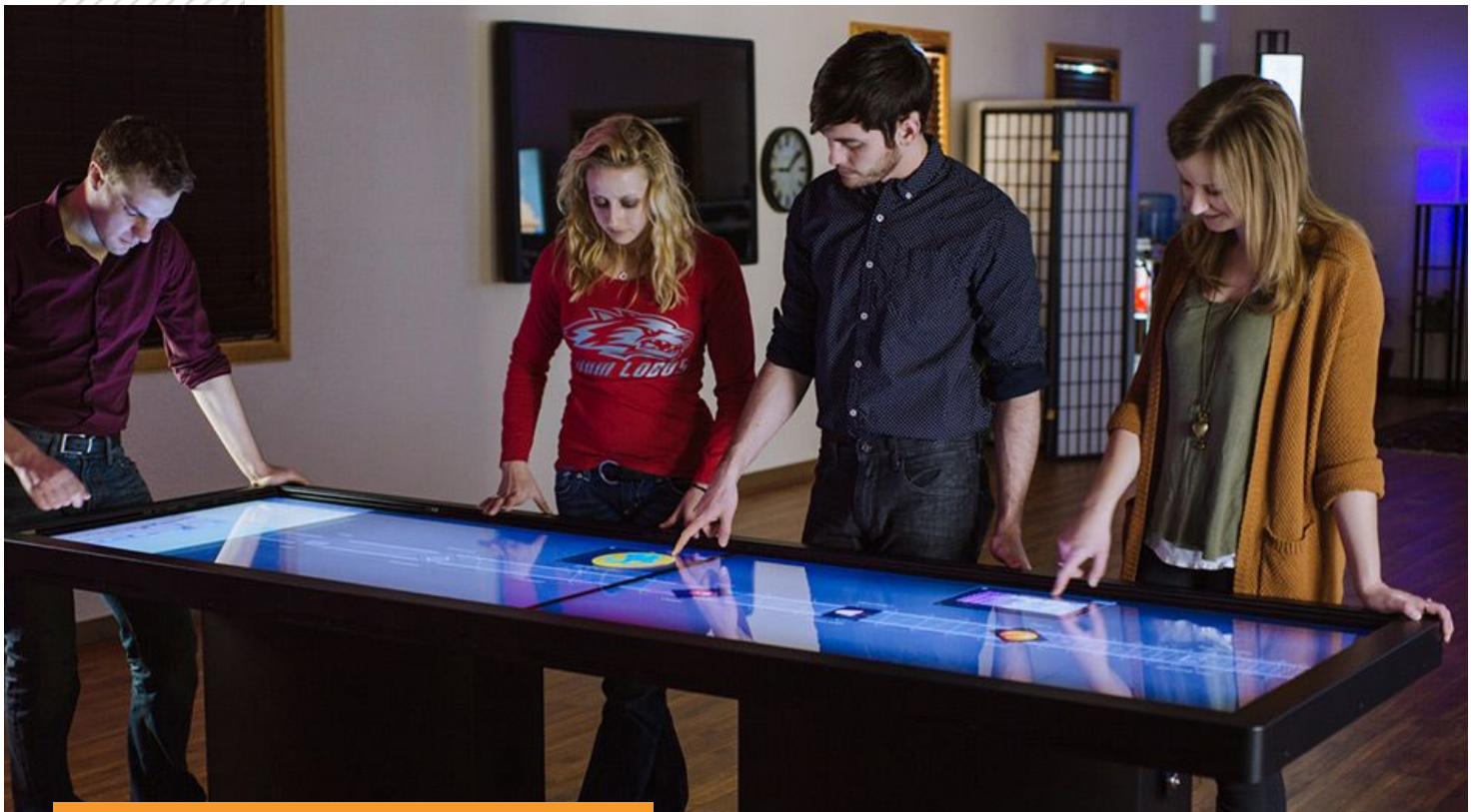
RFID Utility

Ideum multitouch products include an optional RFID utility for enhanced functionality.

Our new and improved RFID software allows you to automate system tasks, launch and switch applications, and more with a single movement. This useful utility is free for Ideum touch table owners.
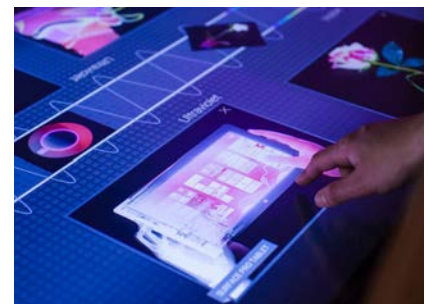
Learn more at: ideum.com/news/rfid-reader-app

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EM Spectrum Exhibit Software

Ideum's EM Spectrum multi-user exhibit software was designed to run on Pano touch tables. This optional software package allows visitors to view both terrestrial and celestial objects across different wavelengths. The content was developed specifically for the application. Ideum worked with museum partners to locate appropriate images for the exhibit and collaborated on the content and text descriptions. The EM Spectrum exhibit appears in museums, planetariums, and other informal educational institutions around the world.

The EM Spectrum exhibit can comfortably support up to 8 people simultaneously. The standard version of the software is in English, but the application is designed to have multilingual support. The exhibit can be purchased with a lifetime license. Preloaded on the Pano system, the EM Spectrum is a turnkey high-tech science exhibit. Learn more at: www.ideum.com/spectrum

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About IDEUM

Ideum is a creative company based in Corrales, New Mexico, USA. We offer exhibit design, AV, and software development services to museums, nonprofits, and socially responsible companies. Please contact us at (505) 792-1110 ext.1 or toll-free in the US and Canada at (855) 898-6824, use our online inquiry form, or email us at sales@ideum.com. We sell our multitouch tables and displays directly both in the United States and internationally.

WARRANTY & SUPPORT

Our products are custom-built with only the highest quality components available and are designed to last. We back all of our hardware with a three-year warranty. The same people who design and build our systems provide our timely support.

Ticketing: support.ideum.com

Email: support@ideum.com

Phone: (505) 792-1110 ext. 2

Support Hours: 8:00 AM – 5:00 PM MST, Monday through Friday.

The Colossus, Pano, Pro, Platform, Drafting, Pico, and Inline touch tables and the Portrait and Presenter touch walls from Ideum are designed, manufactured, and made in the USA of U.S. and imported parts.

ADA COMPLIANT

Compliant with height and reach requirements for the Americans with Disabilities Act standards for accessibility. Learn more about Ideum's commitment to accessibility at ww.ideum.com/ada

IMPORTANT NOTICE TO PURCHASER: Specifications are subject to change without notice. Ideum hardware and software are warrantied from the date of receipt to the period stated in the warranty. Please note that under Ideum's warranty, Ideum has no obligation for any hardware product that is modified or damaged through misuse, accident, neglect, or subsequent integration, service, or tampering, by anyone other than Ideum or an Ideum-approved entity or individual. Ideum makes no additional warranties, express or implied, including but not limited to any fitness for a particular purpose. The User is responsible for determining whether Ideum hardware products or software are fit for the User's particular purpose. If the hardware product or software are proven not to have met Ideum's warranty, then Ideum's sole obligation and User's and Purchaser's exclusive remedy, will be, at Ideum's option, to repair or replace the product or refund its purchase price. Ideum shall not be liable in any action against it in any way related to the hardware products or software for any loss or damages, whether non-specified, direct, indirect, special, incidental or consequential (including downtime, loss of profits or goodwill) regardless of the legal theory asserted. Please see our full warranty for complete details.

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