DESIGNED & BUILT IN THE USA

TAA COMPLIANT

PANO SPEC SHEET v3.2 / U.S. Patent No. 10225509 / EFFECTIVE 4/10/2024
Specifications are subject to change without notice.

1

The Pano 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 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.
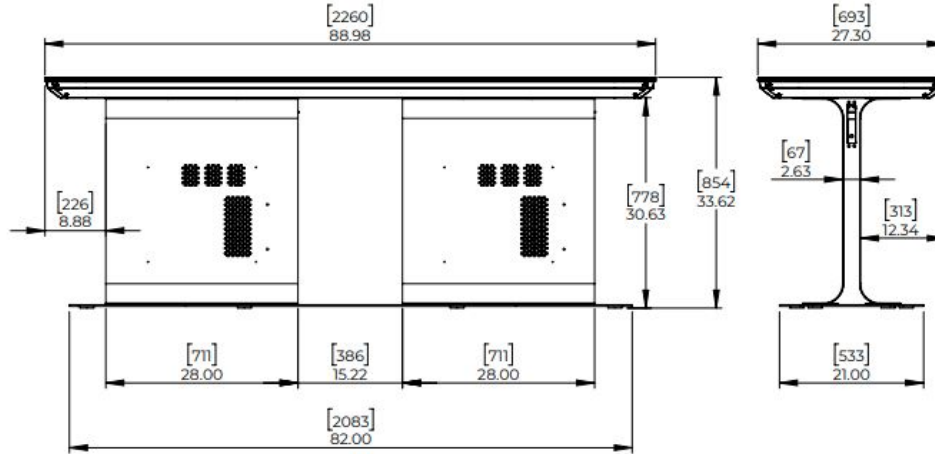

The Pano is equipped with a powerful integrated Intel^{TM} processor, NVIDIA^{TM} discrete graphics card, and push-button power. The Pano comes standard with Windows 11 Pro and can run any supported PC applications.

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The Pano touch table is built with Ideum's patented aircraft-grade aluminum frame that, like its chassis, is finished with a durable powder coat. It has a lockable enclosure and is ready for multiperson 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 Petrosains, The Discovery Centre, the Museum of Science and Industry, Science World British Columbia, and 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

› Dual 49" 4K UHD LG Commercial 24/7 Displays (7680x2160)
› 89" diagonal, strengthened, anti-stiction, contiguous 5mm glass surface

› 89" Zytronic PCRAP Panoramic Matrix touch system
› ±7 ms touch response time
› 40 simultaneous touch points
› Up to 200 FPS sample rate

› 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 400W at max load, approximately 1 amp at idle
› Two 10W integrated speakers

STANDARD

› Intel 14th Gen Core i5-14600K processor
› NVIDIA RTX 4000 16GB Ada Generation graphics card
› 16GB DDR5 RAM
› 250GB M.2 NVMe SSD

PERFORMANCE

› Intel 14th Gen Core i7-14700K processor
› NVIDIA RTX 4000 16GB Ada Generation graphics card
› 32GB DDR5 RAM
› Dual 250GB M.2 NVMe SSD

Connectivity

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

› Wireless keyboard with integrated trackpad
› Direct access via USB ports
› Audio output via 1/8" audio jack

› HDMI output (PC)
› RFID (optional)
› 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 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 multiuser 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. Ideum developed the content specifically for the application, working with museum partners to locate appropriate images and collaborating 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 designs experiences for public spaces, offering exhibit design, AV, and software development services to museums, nonprofits, and socially responsible companies. We are proudly based in Corrales, New Mexico, and collaborate with creative partners worldwide.

SALES & DESIGN INQUIRIES

We sell our multitouch tables and displays directly, both in the USA and internationally. Ask us how to turn your interactive goals into amazing reality.

Use our online inquiry form
Email: sales@ideum.com
Phone: (505) 792-1110 ext. 1

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, including custom exhibits, with a three-year warranty. The same people who design and build our systems provide our timely support.

Submit a ticket: support.ideum.com
Email: support@ideum.com
Phone: (505) 792-1110 ext. 2

Hours: 8:00 AM – 5:00 PM Mountain Time, Monday through Friday.

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

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

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