

Built specifically for museums and other high traffic environments, the high-resolution *MT-50 Table* supports intuitive gestures, allowing visitors to interact with custom exhibits. With multiuser support, the *MT-50 Table* serves as a digital gathering place: visitors interact with one another while they explore dynamic content.

The Table

Physical Qualities

- 50" Diagonal haptic surface, tempered glass top
- ADA Compliant 34" Height, 33" Width, 53" Length*
- Aircraft grade extruded aluminum frame
- Modular construction
- Powder coated cold-rolled steel paneling available in a variety of colors and finishes
- Filtered air cooling suitable for any climate
- Vibration dampening design
- Optional locking, recessed, industrial grade casters



Visitors to the Don Harrington Discovery Center in Amarillo, Texas interact with "Gravitoy," an application included with the *MT-50 Table* package.

* The MT Table is available in varying dimensions. Please contact us for details.

Learn more about the features and capabilities of the *MT-50 Table*: visit the Ideum products page at: www.ideum.com/products



The *MT-50 Table* has a rugged, "museum ready" design that can handle high-traffic environments.

Surface Display

- 1280×800 High-definition resolution
- Wide format Aspect ratio
- 2000:1 Contrast ratio
- DLP based projector system
- Brightness 2100 ANSI
- 3,000 hour bulb life (6,000 hours total, spare bulb included)
- Dual camera IR system with LED "Flood" Illumination

Core Computer System

- Intel Quad Core (45 nm) 3GHz with 12MB L2 cache
- GeForce GTX 285 1GB GDDR3 PCI Express 2.0
- 4GB RAM DDR2 1100
- 300 GB, SATA II 10,000 RPM HD
- Windows XP Operating System
- Compact Micro ATX form factor

The Table

Connectivity

- Direct access via a (hidden) USB 2.0 port
- Network access via secure connection
- Wireless Internet
- Bluetooth 2.0

Power Management

- Less than 750 watt power consumption
- Industrial grade integrated power and cooling system
- One-button activation
- Fully automated shut down option for all components

Software

Collection Viewer

Each *MT-50 Table* comes with Ideum's *Collection Viewer*, a multitouch enabled image and video viewer. The *Collection Viewer* uses Adobe XMP metadata providing important information about the media items displayed. In addition, the *Collection Viewer* supports the Timed Text standard, allowing for easy captioning of videos.

NUI Suite 1.6 Snowflake*

- Single, dual and multitouch support
- Gesture recognition library
- Integrated calibration module
- TouchEarth (Google Earth™ with multitouch interface)
- NUI Application Suite: Viewer (with support for jpg, tga, png, dds, gif, bmp, mov, avi, wav, ogg), Draw, PDF Viewer, 3D model viewer (.3ds and .obj support), Rotating Menu, Stacks, Pong, and other applications.
- Application development in any programming language that supports TUIO: C/C++/C#, Java, Python, and others

*A full list of features and applications can be found on NUI's Website:
<http://natural-ui.com/solutions/software.html>



The Gestureworks development environment provides a simplified and standardized approach to multitouch application development. ActionScript developers can associate gestures with objects and layers as simply as mouse events are handled.

GestureWorks Flash Development Environment (SDK)

- Full, unlocked version of Ideum's *GestureWorks* Flash SDK is included with every MT Table.
- Easy application development in Adobe Flash / ActionScript.
- Huge performance gains in comparison to other Flash-based multitouch authoring approaches.
- Includes a multitouch Gesture Library containing pinch and scale, flip/flick, rotate, drag (one finger drag, two finger scroll), flip/flick, tap, double-tap, and press and hold.

Custom Software, Hardware and Exhibit Development

Ideum has been developing custom exhibits and software since the firm was founded in 1999. We've developed computer-based exhibits for museums across North America, exploring a variety of science, history, art, and cultural topics. Along with software, our experience in designing and developing the *MT-50 Table* allows us to build custom multitouch hardware installations such as large-scale tables or multitouch walls.

MT-50 Warranty and Support Information

The Ideum *MT-50* is built with highest-quality components available and designed for high-traffic museum environments. It is, however, a complex piece of equipment and requires periodic maintenance and care.

Hardware Support

All hardware and components are fully supported. Phone and email support is provided, but if the problem can not be resolved remotely, we will arrange for a site visit.

We will replace any component of the *MT-50 Table* that fails or is defective for the first year from the date of installation. Each table comes with one onsite visit (after installation), typically scheduled as 6 month service visit. This visit can be scheduled anytime within the first year.



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If you have questions about the *MT-50 Table*, or custom development, please contact us at: info@ideum.com

Software Support

Natural User Interface's Snowflake Software is fully supported via phone and through VPN based remote access. If the problem can not be resolved remotely or if network access is not granted, we can arrange for a site visit (as specified in the hardware support section).

The Ideum *Collection Viewer*, *Yahoo! Maps* and *Flickr Mashup*, and *GestureWorks* framework are considered experimental applications. Ideum will respond to issues, but makes no guarantees. Each "early adopter" will receive the latest version of the program and documentation updates as they become available.



A close up "surface shot" of the Ideum *Collection Viewer* application, which allows viewers to manipulate an extensible collection of photos, videos, and other media.