



Magic Mirror for Science Museums

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Interactive Learning Kiosk

Magic Mirror is designed with a wide range of readily available apps which are well suited for the use in museum, making the process of learning more engaging and interesting to your visitors

Key Hardware Features

- ✓ Flush mount or standalone unit
- ✓ 55" full touch screen capacity
- ✓ Kinect body sensor
- ✓ Powerful processing units with dedicated graphics card
- ✓ 3mm tempered glass
- ✓ Optional full one way mirror

Specifications

Dimension (mm)	: 808 (W) X 1873 (H) X 450 (D)
Min. Clear Space Requirements (mm)	: 1408 (W) X 2043 (H) X 1800 (D)
Weight (kg)	: 130 kg (approx.)

Interactive Learning Kiosk

Magic Mirror allows museum visitors to have more hands-on experience, transforming your museum into a pleasant and welcoming learning environment for every single visitor.

Interactive Human Anatomy

Solar System Explorer

Constellations



87  BPM



N NATURAL
HISTORY
MUSEUM

Interactive Human Anatomy

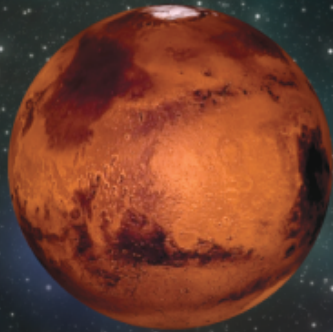
Learns about how human body works in a unique and interesting way.

Mirrored Movement of the 3D Model

As soon as the museum visitor is detected, the virtual anatomical 3D model appears and moves according to user's body gestures.

Different Layers of Human Body

Starting with the muscular layer, museum visitors can go deeper to explore the inner parts such as organs, skeleton until it reaches the circulatory system, accompanied by their own live heart rate.



360° Touch & Rotate for 360° View

Mars

"The fourth planet from the Sun and the second-smallest planet in the Solar System, after Mercury. It is often referred to as the "Red Planet" because the iron oxide prevalent on its surface gives it a reddish appearance. Mars is a terrestrial planet with a thin atmosphere, having surface features reminiscent both of the impact craters of the Moon and the valleys, deserts, and polar ice caps of Earth."



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HISTORY
MUSEUM

Solar System Explorer

Unlocking mysteries of the solar system with an interactive true-to-life visualization.

Planet Exploration in 360° View

Magic Mirror takes museum visitors along on the explorations of Solar system by giving them the planet visualization in multi-dimensional view, where they can touch and rotate the planet to any direction to see its details from all angles. Now discovering our Universe is within a swipe's reach.

Your Constellations is



Virgo

(August 23 to September 22)

The second largest constellation in the sky (after Hydra). It can be easily found through its brightest star, Spica. Virgo the Virgin is a Spring constellation, and can be best viewed during the month of April.

TAKE PHOTO

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HISTORY
MUSEUM

Constellations

Learns about your constellations with Magic Mirror.

Find Your Constellations

Which constellation are you?

Magic Mirror reveals the constellation and information on each star within it based on the birth date entered by museum visitors, where they can learn about their constellation and take a custom photo which they can share it out to social media or print it to take home.

Virtual Reality Photo Experience

Magic Mirror creates an immersive and interactive photo experience using Kinect body detection and green screen technologies.

[Astronaut VR](#)

[Jurassic Photos](#)

[Deep Sea Adventure](#)



Astronaut VR

Everyone love astronaut, why not have the ability to become one yourself?

Walking on the Moon

Combining the Kinect and Green Screen technologies, Magic Mirror allows visitors to experience inside a spacesuit simulation, exploring the Moon's vast landscapes. The experience is completed with a printable moon landing photo visitors can bring home.



Jurassic Photos

Changing the way of learning by immersing yourself into the virtual reality world.

Take Photo with Your Favorite Dinosaur

Magic Mirror turns the extinct Dinosaurs to 'live' where visitors can interact with the 3D Dinosaur model, see how it moves and take photo with their favorite Dinosaur.



Deep Sea Adventure

Changing the way of learning by immersing yourself into the virtual reality world.

Dive into the Deep

Magic Mirror takes visitors to the deepest and darkest part of the ocean, gets them 'suit up' into the diving suit, creating an immersive experience to explore a world of deep sea creatures.

Virtual Concierge and Marketing Kiosk

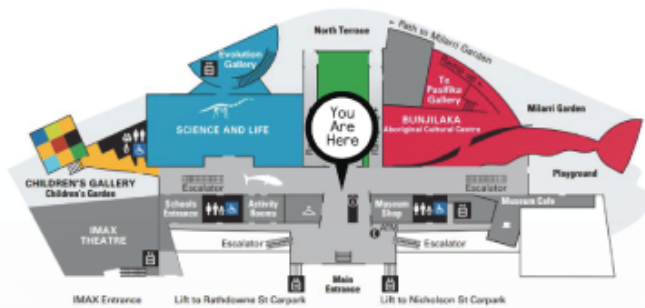
A great addition to the museum for enhancing visitor experience, providing a greater amount of information even when museum staff is not present.

Wayfinder

Comment Box

Exhibits Advertising

GROUND LEVEL



WHAT ARE YOU LOOKING FOR?

Search by

NAME

CATEGORY

A-Z

Wayfinder Kiosk

A self-service kiosk to provide concierge service to the museum visitors.

Find Your Way to the Exhibits

Several search criteria – browse by category, A – Z, and search by name – are available to ease shoppers in finding their desired exhibit together with the directional information to help them find the exhibit.



How would you rate your experience?



Excellent



Good



OK



Disappointing



Not good

Feedback

How can we serve you better?

Back

Submit

Comment Box

A self-service kiosk to provide concierge service to the museum visitors.

Record Voice Messages or Filling Up Feedback Form

Listen to your visitors on how you could improve the exhibition experience, what exhibits they are looking for, etc. by having Magic Mirror as a CRM kiosk where they have the options to leave their feedback verbally or in the format of texts.

WONDERS NEVER CEASE

Whether you're a longtime member, haven't been here since the second grade or have never experienced one of the world's finest natural history museums, come rediscover the NHM. A lot has happened in the last 100 years.

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

NHM 100 Visit today and share your favorite experiences at nhm.org/100

Centennial Partners

Exhibits Advertising

Promoting the special or upcoming exhibits in the form of poster or video display.

Interactive Poster or Video Ads

With the full touchscreen capacity, Magic Mirror is a digital signage which allows visitors to choose and view the desired videos to learn more about your exhibits.



The image shows a large digital display at a museum. The display is divided into several sections. At the top, there is a large video player showing a close-up of a dinosaur skeleton. Below the video player, there are four smaller video thumbnails, each with a play button icon. To the right of the video player, there are several interactive buttons: 'Take Photo', 'Comment Box', 'Way Finder', and 'Info'. At the bottom of the display, there is a large banner with the text 'WONDERS NEVER CEASE' and 'NATURAL HISTORY MUSEUM LOS ANGELES COUNTY'. Below the banner, there is a promotional message for 'NHM 100' and logos for 'Centennial Partners', 'CHASE', and 'FARMERS'.

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Centennial Partners **CHASE** **FARMERS**

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

Making informed decision based on valid data

Gauge Exhibition Popularity



Exhibition Usage and Engagement

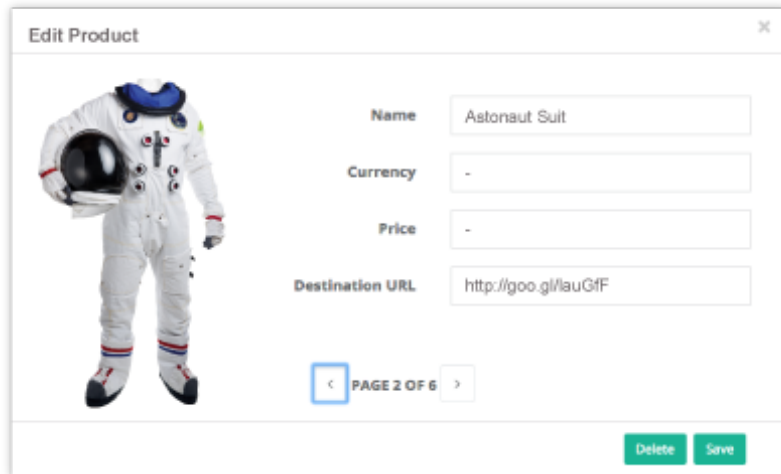
A powerful analytics which allows museum to quickly identify which exhibition attracted visitors the most and engaged visitors better. This analytics tool is important for them to identify what works and what doesn't to improve their exhibitions in order to drive in more traffics.

All interactions are measured and reported in real-time, including

- Usage per exhibition
- Average engaged time
- No. of take photo
- No. of share
- No. of walk-by
- Etc.

Creating a personalized and immersive exhibition experience

Managing Multiple Apps from A Central Location



Reskin Apps for Different Exhibitions

Magic Mirror web-based control panel is designed with an intuitive user interface to ease users in uploading graphical assets such as product images, logos, etc. and to configure the app settings based on different exhibitions requirements.

The screenshot shows a calendar for "NOV 2016". The days of the week are Sun, Mon, Tue, Wed, Thu, Fri, Sat. The calendar is populated with exhibition titles in colored boxes: "Future World : Where Art Meets Science" (green) on Tue 1-3; "Sunken cities: Egypt's lost worlds" (blue) on Thu 3-5; "Maria Merian's Butterflies" (green) on Sat 6-7; "Journey To Infinity: Escher's World Of Wonder" (green) on Sun 8-11; "South Africa: the art of a nation" (green) on Tue 13-18; "ArtScience on Screen" (green) on Thu 20-21; "Planetarium shows : The Sky Tonight" (blue) on Fri 24-26; and "Colour and Vision: Through the Eyes of Nature" (green) on Sun 27-30.

Schedule Apps for Different Exhibitions

Pre-plan your exhibitions through Magic Mirror control panel which gives you the ability to schedule and run the exhibitions on the pre-defined time, optimizing the use of Magic Mirror for different exhibitions in your museum.

Find out more on our packages

Museum's Package

Hardware

- Flush mount or standalone unit
- 55" full touch screen capacity
- Kinect body sensor
- Powerful processing units with dedicated graphics card
- 3mm tempered glass
- Optional full one way mirror

Notable Features

- Kinect body tracking
- Take photo or video
- Print photos
- Social media, email and QR code sharing
- Digital signage player
- Gesture control
- Branding and graphics customization capability
- Data input via touchscreen
- Online photo gallery
- User data harvesting
- Mirror usage tracker

Featured Apps



Interactive Human Anatomy



Solar System Explorer



Jurassic Photos



Deep Sea Explorer

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