## aeroTAP Touchless Interface

From simple gesture solution for Mobile / Tablet devices, pointing and tapping on Smart TV platform, aeroTAP offers scalable touchless solution.

### Advantage of Touchless Interface

- Able to navigate from distance
- Able to navigate without touch
- Able to navigate without any controller

### Usage example

- Public digital signage display
- Medical Information display
- Presentation
- Accessibility

## Next Generation Digital Signage Platform

aeroTAP can be used on digital signage to interact and deliver digital content for customer needs rather than average static display module.

### aeroTAP Applied On Signage

- Ability to interact with human movement
- Shopping customers can seamlessly interact with merchandise selections through reflective glass or wall-projected images

### Cost Effective Implementation And Deployment

- Can be used with conjunction of Adobe Flash content
- Can be used with stand-alone webcam with customized application

Customers can interact during window shopping

Storefront based signage display module

Computer with webcam concept

aeroTAP detection and gesture recognition are patent-pending.

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Click and try: aeroTAP for Windows

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Tapping in the air

## Touchless Interface For The Next Generation

**aeroTAP**®

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## From touchscreen to air tapping aeroTAP, the interaction of the future.

**Touchscreen**

**aeroTAP Hybrid**

With aeroTAP installed, users will be able to interact with computers by simple hand and/or finger gestures. Users will no longer need to use keyboard or mouse.

aeroTAP uses small resource so that it works with any existing application and transform to a touchless application.

## aeroTAP Touchless Interface

aeroTAP incorporates proprietary technology that allows users to interact with PC or Tablet / Mobile devices by using a generic webcam.

### Low cost and easy to implement

- No special hardware required
- Able to use existing application
- No special programming required

### Scalability

- Generic Web Camera
- Video Camera
- IR Camera
- Depth sensors ( Kinect and others )

<< Contact Information >>

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**aeroTAP public Beta is available for free. For more information, please visit**   http://www.ysits.com.tw/

aeroTAP is developed by nextEDGE Technology with consultation from AIST (National Institute of Advanced Industrial Science and Technology, Japan)
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T E C H N O L O G Y

# This is aeroMagic!
Create touch-less interface signage with interactive content.

for Signage
aero**TAP**®

http://www.ysits.com.tw/

## Main Function

### Frame Selection

Facial icons and photo frame can be selected for theme of the event.



Display

### Add / Select Facial Icons

Facial icons can be customized.
Select facial icons by using aeroTap touch-less interface.
You can group displays in response to same icons.



Facial Icon selections

### QR Code and Twitter

- Generate QR Code
  When user create a text message,
  QR code will be generated and embedded in the facial icon.

- Twitter and other supported clients, the uploaded images can directly linked to Twitter.
  Twitter external clients can display images on user's device.



Facial QR Code Icon

### Photo Snapshot

Photo snapshot can be taken by tapping the icon on the screen.
Photos can be downloaded to mobile phone by capturing QR Code displayed.
Amount of photos taken can be stored in the database for future marketing analysis.
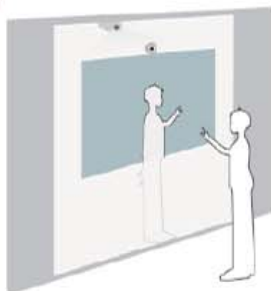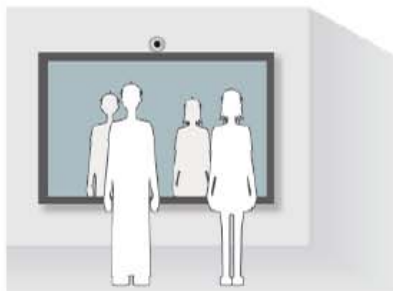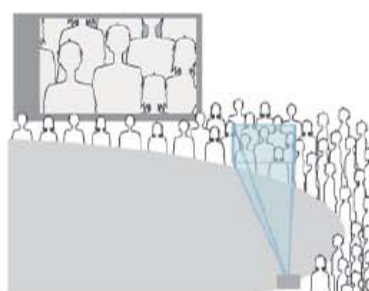


Screen Snapshot

Download Image by QR Code

## Case Samples



Productive use of display ads and showroom windows to attract customer's attention.



aeroTAP for Digital Signage can be installed in shopping malls and other areas such as waiting room or places where there's gathering.



Jumbo vision at any stadium, where cameras can entertain the crowd by augmenting their faces.

aeroTAP is developed by nextEDGE Technology with consultation from AIST (National Institute of Advanced Industrial Science and Technology, Japan)
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# This is aeroMagic!
aeroTAP will enhance user's experience.

aeroTAP for Digital Signage
Create touch-less interface signage with interactive content.

## for Signage aeroTAP®
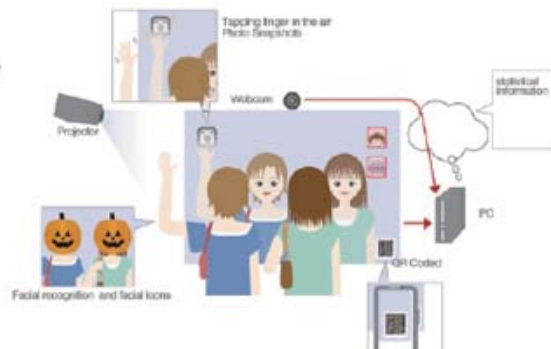
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aeroTAP is for interactive digital contents by using generic camera. No special hardware is required. aeroTAP supports face / shape recognition and generates QR Code digital content, where it can be deployed in large event venues, electronic billboards and store information. aeroTAP for Digital Signage can take full advantage of advertising effectiveness through truly customer interaction in real-time.

**twitter**

## System Configuration

- aeroTAP provides touch-less interactive content
  - Maintenance Free (Mouse and keyboard not required)
- Camera Effect
  - Sepia, Mosaic, and other real-time customizable effects therefore users can freely generate its own images.
- Facial Recognition Engine
  - Enables you to alter your facial image.
- Other profile recognition
  - Palm Recognition
- QR Code can be generated and delivered to the customer
  - QR Code is unique for every customer
  - Twitter integration
  - Website, coupons and email integration
- Supports large projection display



## Using aeroTAP



Touch-less interface by tapping your fingers in the air



Photos can be downloaded to mobile phone by capturing QR Code displayed

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