

Jobs Wanted
Joining New Energy Industry And Enjoy

AMING
Experience the thrill of
air gaming!



Holo Industries

*Making mid-air
interaction a reality*

Create keys
Select number of keys wanted



Company Introduction

In January 2020 — the same time as the Covid pandemic swept through the US and the rest of the world — Holo Industries developed Holographic Touch,[™] a contactless and germ-free way for people to interact with terminals and other devices.

In the past two years, this disruptive technology has transformed human-machine interaction and opened the world to new and exciting applications.





Background

Convergence Promotions

For 20 years, Convergence Promotions was the leading developer of ecosystems and partner programs in the microcontroller industry

1980 – Intel, Motorola & AMD Partner Programs

1990 – Siemens & Infineon Partner Programs

1995 – ARM Partner Program & Embedded University

Development and Marketing of Products for Sales and Distributions

2000 – Embedded & Power Dev. (Hearst JV)

2010 – Power & Sensor Dev, (Arrow JV)

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Future Robotix

Product Development for Medical and Robotics applications

2015 – Future Robotix & National Sales Network

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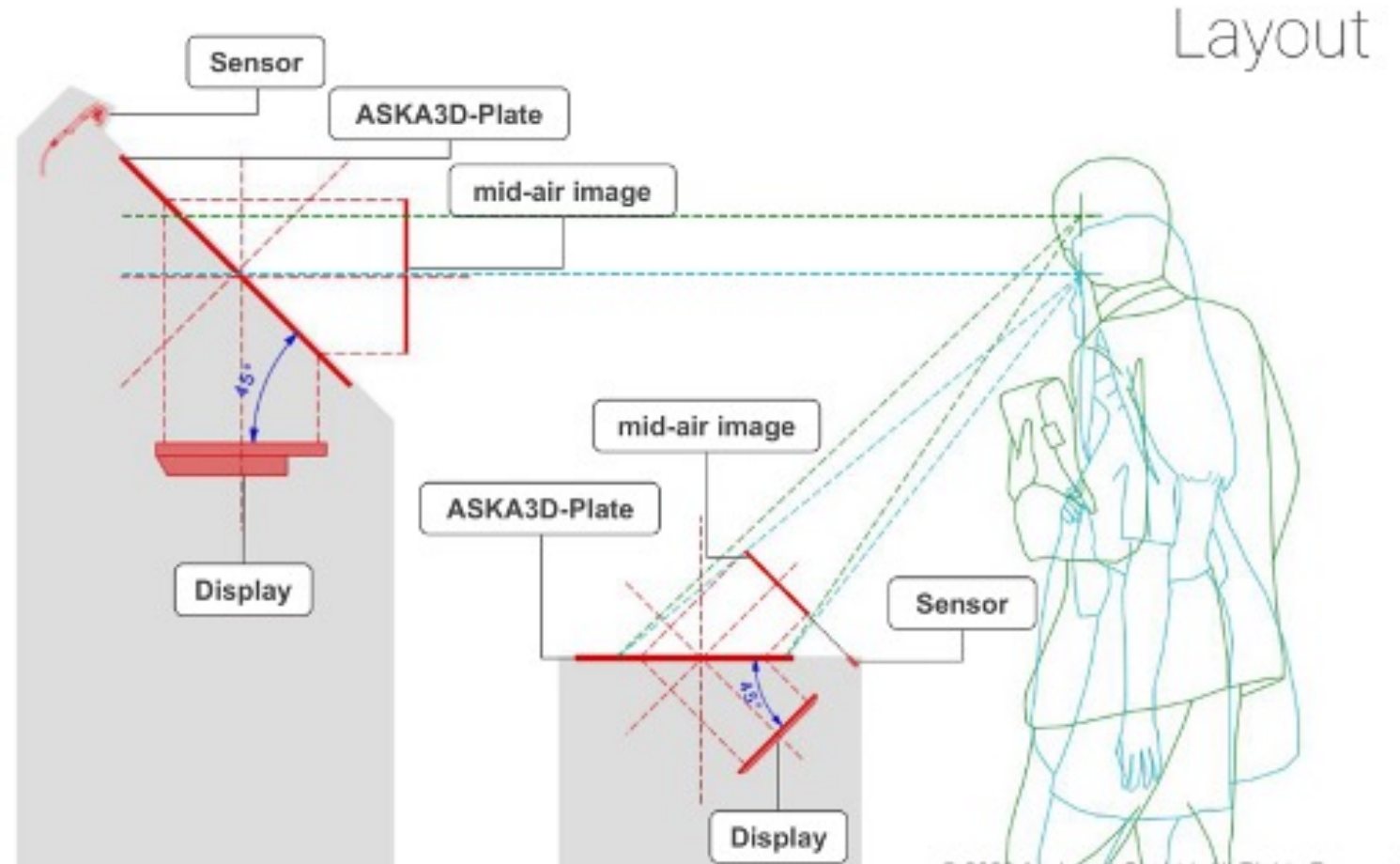
Holo Industries

2019 – Holographic Touch Products created

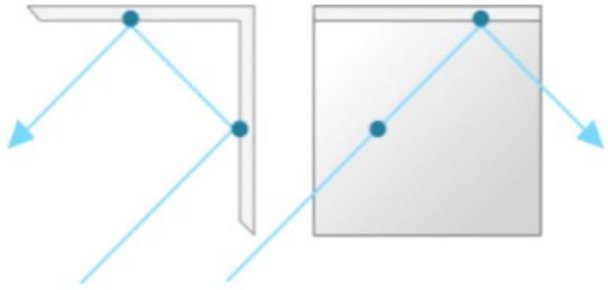
Holographic Touch Technology

Holographic touch is a combination of proprietary lenses, holographic plates, surface coatings, paired with infra-red (IR) technology.

- ASKA3D Holographic Plates
- Specialty High-Luminosity Displays
- Patented Surface Coatings
- Light Guides & Optical Hardware
- Infra-red (IR) and other sensors
- APIs Dependent on need
- Operating Systems & Source Code

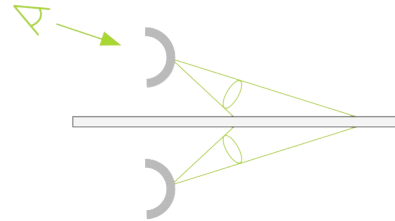


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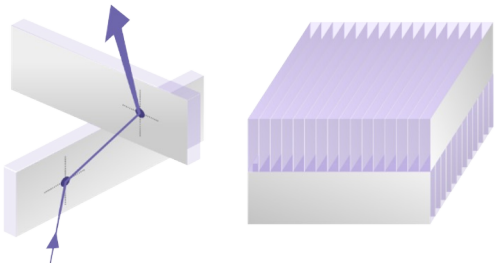
Transmissive Dihedral Corner Reflector Array

- Two orthogonal specular surfaces reflect the light to project images. The first angle of incidence and the second angle of emergence have the same reflection angle, and the plate acts as a projection surface for displaying images in mid-air at a 1:1 ratio.



Experience The Value Of Real Imagery

- ASKA3D technology collects light emitted by objects within a space, and then disperses the collected light from that space. Thus, users can see the image of an object in that space just like they see the light emitted by the actual object.



Precision Manufacturing

- Each plate consists of methodically-positioned vertical mirrors only hundreds of microns in size. This type of precision can only be achieved with through the manufacturing process available in our factories in Japan.

A child with curly hair, wearing a striped shirt, is seen from behind, interacting with a large digital display on a vending machine. The display shows a temperature of 36°C and other information. The background is a blurred indoor setting.

Scalability & Sizing

Plastic Plates

Good Image quality. Ideal for ATMs, POS Systems, Elevators, Restaurant Menus, etc.

Range: (2" x 2") – (80" x 40")

- 50mm (2" x 2")
- 100 mm (4" x 4")
- 250 mm (10" x 10")
- 200 mm (8" x 8")
- 400 mm (16" x 16")*
- 600 mm (24" x 24")*
- 750 mm (30" x 30")*
- 1000 mm (40" X 40")*
- 2000 mm (80" X 40")*

Glass Plates

Excellent image quality. Ideal for digital signage, retail, museums, and other high-end applications

Range: (8" x 8") – (41.4" x 41.4")

- 200 mm (8" x 8")
- 310 mm (12" x 12")
- 420 mm (16" x 16")
- 630 mm (24.8" x 24.8")
- 840 mm (33.07" x 33.07")
- 1050 mm (41.4" x 41.4")



Specifications & Features

Specifications

- 50ms Response Time (average)
- Operates under bright lights or in the dark
- Operating Temperature: -10°C to $+55^{\circ}\text{C}$
- Humidity range: 5% to 95%
- Audio: Built-in speaker (optional)
- Windows Android & Linux OS
- Available in 120V or 240V
- 2 Mid-Air Touch points
- 1 mm Resolution

Features

- Touch, pinch, spin & scroll in mid-air
- Responds to touch with gloves, etc.
- Tamper-proof and scratch-resistant screen
- Easy to install & operate
- Adjustable heights and viewing angles
- No direct contact means less clean-up / pathogen mitigation
- UL & CE Certification in process
- Made in the USA

Product Line

Prototypes

Purchase fully-operational prototypes in enclosures

- Choice of enclosure: Metal Or Plastic
- Sizes from 100mm to 630mm
- Horizontal or Vertical
- With SBC or Networked via USB & HDMI
- Peripherals (NFC, etc.)
- Power Supply
- Optional Kiosk or Podium Design
- Custom Screens or Video
- Engineering Services

Modules

Purchase the components optimized to work together

- Hardware mounted on frame
- Holographic Plates
- Cables & Wiring
- Software (downloads)
- Power Supply
- Optional SBC
- Peripherals (NFC, etc.)

Components

Purchase Holographic Plates with Holo Industries IP

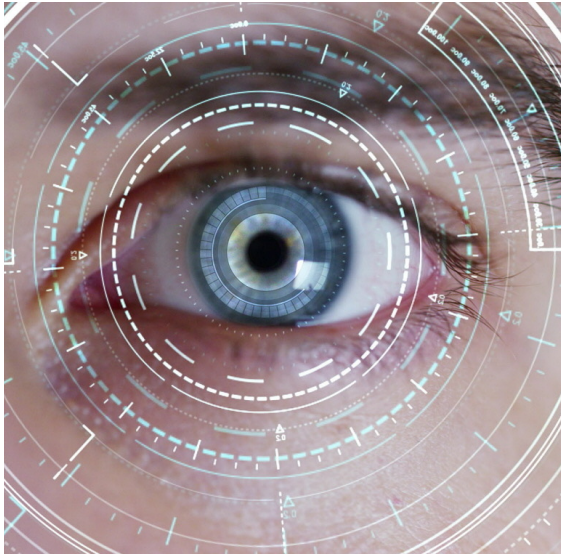
- Drawings
- Displays
- Optics
- Software
- Jigs for combining plates



Current Projects and Applications

- Banking & ATMS
- Automotive
- Hospitality
- Retail
- Whitegoods
- POS Systems
- Fitness
- Medical
- Military & Industrial
- Gaming





Eye Tracking

Using eye-tracking technology to adjust the holographic viewing angle to accommodate for height or wheelchairs or left and right to provide full access to the image.



Wake-On Approach

Wake-on approach saves energy by replacing the “always-on” status.



Haptics

The ability to touch and feel holographic images in mid-air through haptic feedback will provide a new dimension to Holographic displays.



Always Innovating

Holo Industries is always open to expand improvements in our technology and ideas on how to expand our product line or improve our services.

Future Technologies

Video, Contacts & Locations

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Locations

Headquarters: Holo Industries LLC

609 E. Main St. Suite 109
Cottage Grove, OR 97424 USA

US West Coast Design Lab:

Opening Q3, 2022w
Sacramento, California

US East Coast Design Lab:

Brand Experience Labs
(Retail Showroom)
Jersey City, NJ

Partner-Tech Joint Offices Germany

Partner Tech Europe GmbH
Nordestedt, Germany

Slovenia

Partner Tech Adria
Trzin, Slovenia

Poland

Partner Tech Poland
Sp. Warszawa

Spain

Partner Tech Iberia
Torrejón de Ardoz, Spain

France (New)

Partner Tech Lyon

Trade Show Calendar

Visit us at the following shows in 2022:

- May 10-12, San Jose, CA
- Display Week (@ The Neocode Booth)
- May 31-June 2, Düsseldorf, Germany
EuroCIS (@ the Partner-Tech Booth)
- July 27-29, Miami Florida, FIME
- September 14-17, Munich, Germany
ExpoPHARM (@ the Partner-Tech Booth)
- October 11-13, Las Vegas, Nevada, G2E
- December 14-16, Ft. Lauderdale, Florida
Self-Service Innovation (@ the Partner-Tech Booth)
- **Visit us at the following shows in 2023:**
- January 5-8, Las Vegas, Nevada, CES
- January 16-18, New York City NRF (@ the Partner-Tech Booth).
- Feb 26-March 2, Düsseldorf, Germany
EuroSHOP (@ the Partner-Tech Booth)

Questions, Inquiries & Live Demonstrations

Thank you for following along with our presentation!

We invite you to reach out to us for any questions you may have, or to schedule a live demonstration of our Holographic Touch capabilities.



-CTO, Michael ImObersteg