Object Recognition Table

A revolutionary interactive display system that recognizes and responds to physical objects placed on its surface, enabling dynamic content presentation for educational, commercial, and industrial applications.

What is an Object Recognition Table?

The Object Recognition Table works with tokens through object placement technology. When a tangible token is placed on the display, the system instantly surfaces relevant information—supporting movement, rotation, and interactive pop-ups.

Unlike conventional tables, our smart surface can identify and analyze multiple objects simultaneously in real-time, enabling a wide range of applications.

3 Different Display Styles

Rotary Display

Interactive circular interface that rotates with token movement

Surround Display

Content surrounds the placed token in an immersive layout

Magic Ring

Circular interface with dynamic content presentation

Token Forms

Ring Style

Tangible Style

Tokens can be attached to the bottom of any object to represent real items. Our system supports up to 20 different tokens simultaneously.

Application Scenarios

Company Showroom

Showcase products and services with interactive presentations

Car Showroom

Display vehicle features and specifications through interactive tokens

Museum Exhibits

Create engaging educational displays with artifact recognition

Features & Advantages

Highly Sensitive Recognition

Stable detection supporting up to 13 tangible marks simultaneously

Developer Support

SDK/API access to token position and rotation angle for custom applications

Free Review Application

Preview new display content before implementation

Customization Options

Support for custom applications, token shapes, and screen designs

NOTE: This is **not an ordinary capacitive touch screen**, but a **high-precision capacitive touch screen** with over 300 channels.

Product Configuration

Tokens

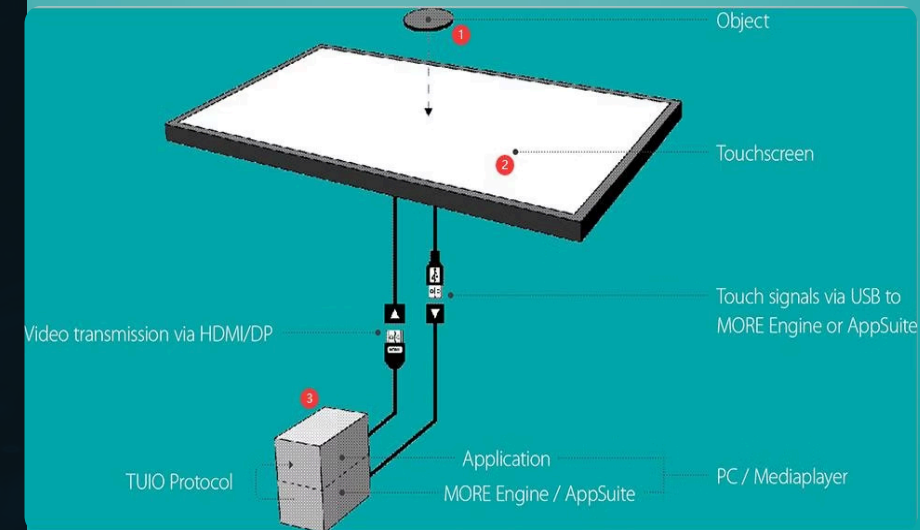Up to 12 supported tokens with customizable shapes

Identification Screen

4K display with high-precision identification capabilities

PC System

Windows-based system to run the recognition software

Object

Touchscreen

Touch signals via USB to MORE Engine or AppSuite

Video transmission via HDMI/DP

TUIO Protocol

Application
MORE Engine / AppSuite

PC / Mediaplayer

Available Styles

Standard Style

Our complete object recognition table system

Customized Options

Tailored solutions for specific requirements and environments

You can purchase just the recognition screen or the complete system including software, tokens, capacitive screen, and mini PC.

Technical Parameters

20
Supported Tokens
Maximum number of unique tokens recognized

300
Capacitance Points
High-precision detection channels

Free
Token Logo
Customizable token designs at no extra cost

The system enables users to freely manipulate on-screen content, including zooming, panning, and rotating photos and videos for an immersive interactive experience.

Quotation & Support

Quotation Notes

- Product based on high-precision capacitive touch screen with 300+ channels

- Recommended to purchase software, tokens, and screen together

- Mini PC available as an optional add-on

- Please specify your required screen size when requesting a quote

For additional information, installation guides, SDK manuals, and CE documentation, please contact our support team.

Free Quote Available