

 Trending

# AR Business Card (AR Menu)

[AR Business Card \(AR Foundation: ARKit, ARCore\)](#) — Unity Asset: AR Gallery, AR Menu for Restaurants & AR Gaming, AR Visiting Card & Interactive Tool for Communication with Customers on Business Negotiations or Just for Fun.



Video Demo was made with Vuforia AR Engine, but this Unity Asset uses a free package by Unity Technologies called [AR Foundation](#) (ARKit, ARCore), so there are no Vuforia dependencies & no behavioral differences.

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# Features of AR Business Card (AR Menu)

- ★ Augmented Reality with Image Tracking of Your Custom Logo.
- ★ 2 Demos Scenes.
- ★ 2 Modes:
  - ★ Click,
  - ★ Drag-And-Drop.
- ★ 3 Types of Custom Media Content for Each Menu Item:
  - ★ Video or Image,
  - ★ Link,
  - ★ Texts.
- ★ Mobile Optimizations: [TextMesh Pro](#), Object Caching, etc.

## Modes

Each mode is represented in separate demo scene. You can choose which one you like.

### Click

Click on menu item to see Media Content.

### Drag-And-Drop

You need to move an icon from the upper part of a screen to an active area on the left to see Media Content. Active area will be highlighted with custom color on pointer enter holding menu item.

AR Business Card 👉 Drag-And-Drop 🎯 Vuforia Aug...



## Custom Media Content for Each AR Menu Item

- ★ Video Clip or Image,
- ★ Link (system browser will be opened on button click),
- ★ Texts: Header & Description,
- ★ Draggable Color & Scale for Icon (Drag-And-Drop Mode).

## Video Player

- ★ Play/Pause Button;
- ★ Clickable Time Slider.

## Advantages of AR Menu

AR Business Card allows you to implement absolutely awesome user experience:

- ★ Interaction with the real world;
- ★ Gameplay based on real objects;
- ★ Minimizing costs for business demos.

Augmented Reality allows amplifying surrounding reality with virtual objects, using just a smartphone or tablet.

## Use Case of AR Business Card

[AR for Business Cards](#) can help you in a meeting with a potential client for an unusual presentation of a service or product. This technology clearly and interestingly presents your information. Present your modern company with advanced interactive features.



*Using simple game mechanics, it's possible to tell to any person about the company, product or service interactively in awesome way with AR.*

You can use images on corporate T-shirts as AR Marks (or AR Markers), thereby the app “understands” that around the logo of a company virtual objects must be placed in a plane of a human chest.

The main thing about [AR Business Card](#) is that everything happens in real-time and clients instantly see the information.

## Testing

### Unity Editor

You can Test the App without Image Tracking.

### Mobile Devices

Real Image Tracking can be tested only on Real Mobile Device.

[Unity Remote](#) is not supported.

Tested with Smartphones:

★ iOS on iPhone XS Max.

★ Android on Samsung Galaxy A71.

## Tutorial

“

*If you have any issues with the first launch then just Reach Support with Invoice Number and Get Help.*

*If you read this tutorial from PDF, first check the latest docs online to get actual information.*

## Getting Started with AR Menu (AR Business Card)

Folders & Files in package by default:

★ Makaka Games;

★ StreamingAssets;

★ XR.

## Steps

- 1 Create a new Unity Project with Unity 2021.1.0.
- 2 File > Build Settings > iOS/Android > Switch Platform.
- 3 Download and import [AR Business Card \(AR Menu\)](#) into Unity.
  - 1 Warning Window: Click "Install/Upgrade" for [Package Manager](#) Dependencies.
- 4 Next Packages are provided with [Unity Package Manager](#), and they are already installed for this Asset by default. If packages are missing (Warning Window did not appear) then install them again with [Unity Package Manager](#):
  - 1 [TextMesh Pro 3.0.4](#):
    - 1 **Always Required:** Window > TextMeshPro > Import TMP Essential Resources;
  - 2 [AR Foundation 4.1.5](#);
  - 3 [AR Subsystems 4.1.5](#);
  - 4 [ARCore XR Plugin 4.1.5](#);
  - 5 [ARKit XR Plugin 4.1.5](#);
  - 6 [Editor Coroutines 1.0.0](#);
  - 7 [Subsystem Registration 1.1.0](#);
  - 8 [XR Legacy Input Helpers 2.1.7](#);
  - 9 [XR Plugin Management 4.0.1](#).

- 5 Restart Unity Editor.
- 6 Open Scene: Makaka Games > AR > AR Menu > AR Foundation > Scenes > Menu.
- 7 Prepare AR Marker for Image Tracking to Point Device Camera on it:
  - 1 Open Reference Image Library: Makaka Games > AR > AR Menu > AR Foundation > Textures > ReferenceImageLibrary.
  - 2 You can use the default AR marker, but if you need your own (e.g. Logo) then indicate here a unique contrast image with clear lines for better recognition. Specify size as you'd expect to find it in the user's real-world environment.
  - 3 Print or Open AR Marker on any Display (Laptop/Smartphone).
- 8 Build for Mobile.

Additional Documentation:

★ Requirements:

★ ARCore: [Supported Devices](#) & [Augmented Images](#),

★ [ARKit](#).

★ Image Tracking:

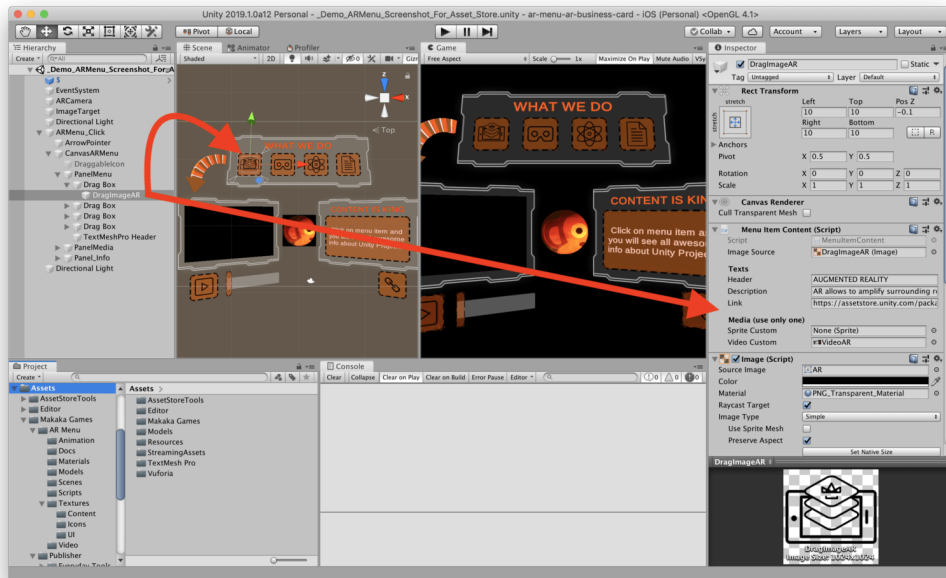
★ [AR Subsystems](#),

★ [AR Foundation \(ARCore, ARKit\)](#).

## How to change Media Content for Menu Item: Texts, Link, Image/Video

In order to change media content of AR for Business Cards you need:

- 1 Select Game Object with Icon of Menu Item.
- 2 Find "Menu Item Content" script component.
- 3 Change Media Content.



## Support

First, [read the latest docs online](#).

If it didn't help, [get the support](#).

## Changelog

Check the current version of [AR Business Card \(AR Menu\) on Asset Store](#).

The latest versions will be added as soon as possible.

2.4:

★ Unity 2021.1.0.

2.3:

★ Unity 2019.3.12.

2.2:



- ★ Unity 2019.2.6;
- ★ Layout of Menu Scene — iPhone XS.

2.1:

- ★ Minor Improvements.

2.0:

- ★ Unity 2019.1 version;
- ★ Video Player:
  - ★ Play/Pause Button;
  - ★ Clickable Time Slider;
- ★ Menu with Mode Choosing;
  - ★ Click (New Demo Scene);
  - ★ Drag-And-Drop;
- ★ Custom Highlight Color for Panel Media on pointer enter in Drag-And-Drop Mode;
- ★ Separate Settings for each Menu Item to display on Content Panels (Media, Info):
  - ★ Header & Description Texts,
  - ★ Sprite Custom (Secondary Image to view on Panel Media),
  - ★ Video Clip,
  - ★ Link (system browser would be open when button clicked),
  - ★ Draggable Color & Scale;
- ★ Optimizations:
  - ★ Text Mesh PRO for all Texts;
  - ★ Cashing of some Game Objects.

1.2:

- ★ Fix icon size when dragging.

1.1:

- ★ Unity 2017.2 version;
- ★ Prefabs.

1.0:

★ Drag-And-Drop Mode.