

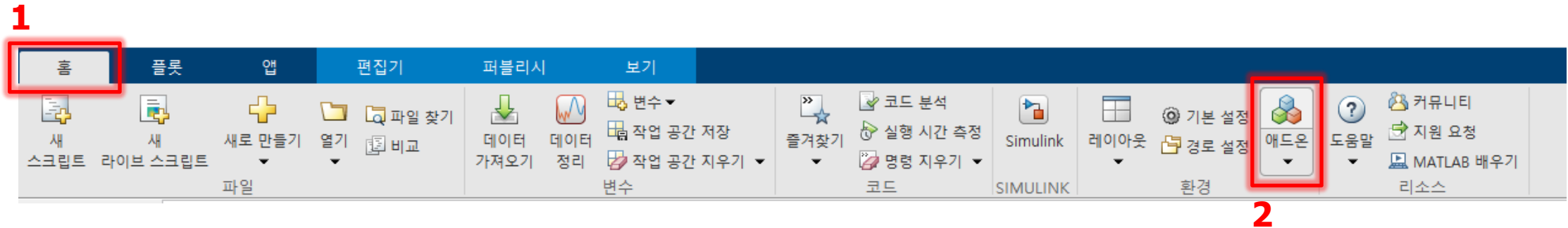
*Automotive Sensors*

# How to Install MATLAB Toolbox

Automotive Intelligence Lab.

# How to Install MATLAB Toolbox (1/3)

- 1. Go to the Home tab, and in the Environment section, click the  Add-Ons icon.



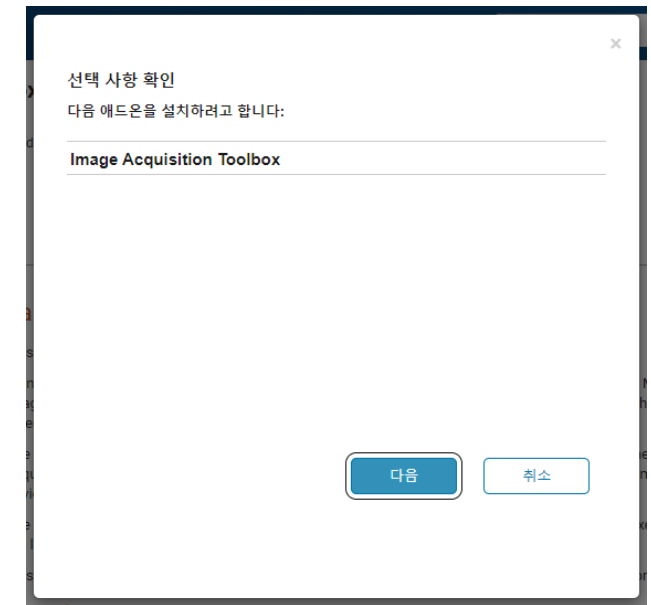
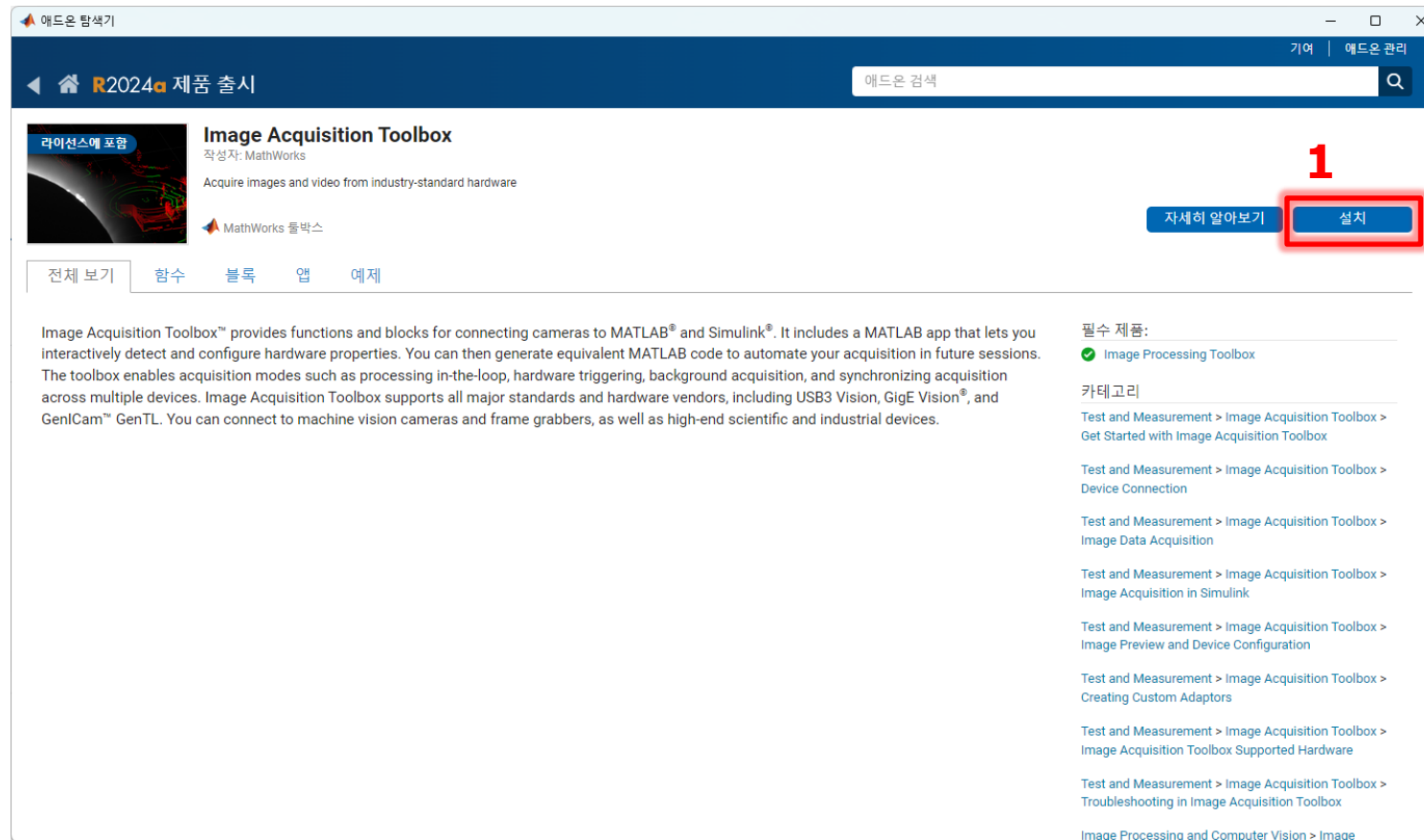
# How to Install MATLAB Toolbox (2/3)

2. Enter the toolbox you want to install in the search box and click it.

The screenshot shows the MATLAB website interface. At the top, there is a search bar labeled '애드온 검색' (Add-on Search). A red box with the number '1' above it highlights this search bar. Below the search bar, there are several product recommendations. A red box with the number '2' next to it highlights the 'Automated Driving Toolbox' product in the search results. The product description includes: 'Design, simulate, and test ADAS and autonomous driving systems Product'. Below this, there are several other related products like 'Automated Driving Toolbox Interface for Unreal Engine Projects', 'Automated Driving Toolbox Importer for Zenrin Japan Map API 3.0', 'Automated Driving Toolbox Test Suite for Euro NCAP Protocols', and 'Scenario Builder for Automated Driving Toolbox'. On the right side of the search results, there is a list of suggested products under the heading '제안' (Suggest).

# How to Install MATLAB Toolbox (3/3)

- 3. Click the Install button, and then install it according to the instructions.



# List of Toolbox to Install

## ■ Automated Driving Toolbox

- ▶ Provides algorithms and tools for designing, simulating, and testing [ADAS](#) and [autonomous driving systems](#).

## ■ Computer Vision Toolbox

- ▶ Provides algorithms, functions, and apps for designing and testing [computer vision](#), [3D vision](#), and [video processing systems](#).

## ■ Image Processing Toolbox

## ■ Navigation Toolbox

- ▶ Provides algorithms and analysis tools for designing [motion planning](#) and [navigation systems](#).

## ■ Sensor Fusion and Tracking Toolbox

- ▶ Includes algorithms and tools for the design, simulation, and analysis of systems that fuse data from [multiple sensors](#) to maintain position, orientation, and situational awareness.

## ■ Image Acquisition Toolbox

- ▶ Provides functions and blocks for connecting cameras and lidar sensors to MATLAB® and Simulink®.

## ■ Mapping Toolbox

- ▶ Provides algorithms, functions, and an app for analyzing geographic data and creating map displays in MATLAB®.

## ■ Signal Processing Toolbox



**THANK YOU  
FOR YOUR ATTENTION**