

# ONELAB Resource Usage Guide

— mmWave Development Kit: A One-Stop Process from Ordering to Resource Activation —

## Accessing Product Resource: Download Essential Development Materials


### ✓ Step 1: Log in to the Official Website

Register and log in to ICLEGEND's official website ([iclegend.com](http://iclegend.com)), then locate the product model you ordered.

### ✓ Step 2: Locate the Resources Section

On the product details page, navigate to the **Design Resources** →

【Development Tool】 to download the corresponding product resource package.



title	category	version	size	last update	action
mmWave Sensor Development Tool	ONELAB Development Tool	1.5.0.0	55.7 MB	20251031	<a href="#">View</a>

#### Document

title	category	version	size	last update	action
ICL Product Brochure2025.12	Brochure	V.1.0	8.1 MB	20251208	<a href="#">Document</a>

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## Development Tool Authorization: Unlock Professional Debugging Capabilities

### ✦ Step 1: Obtain the MAC Address of the Authorized Device

After downloading the **Development Tool**, you will receive the **Development Tool Software + Transparent Transmission Firmware Project Package**.

Both resources include: [One-year usage rights \(supporting authorization for two device MAC addresses\)](#)

\*Once Development Tool is launched, the software will automatically detect your computer's MAC address. Please copy this information for later use.



名称	类型	压缩大小
Help	文件夹	
appConfig.xml	Microsoft Edge HTML ...	1 KB
ICL_Common.dll	应用程序扩展	333 KB
ICL_DataProcess.dll	应用程序扩展	617 KB
ICL_DlgResource.dll	应用程序扩展	2,515 KB
ICL_Upgrade.dll	应用程序扩展	160 KB
ICL_WaveWnd.exe	DEV tool	2,324 KB
libcrypto-1_1-x64.dll	应用程序扩展	1,283 KB
libfft3-3.dll	应用程序扩展	981 KB
libfft3f-3.dll	应用程序扩展	1,025 KB
libusb-1.0.dll	应用程序扩展	73 KB
ONELAB Firmware.zip	Transparent Transmission Firmware	
Radar_Config.ini	配置设置	8 KB
ICL211ARTS2111C11.dll	应用程序扩展	947 KB

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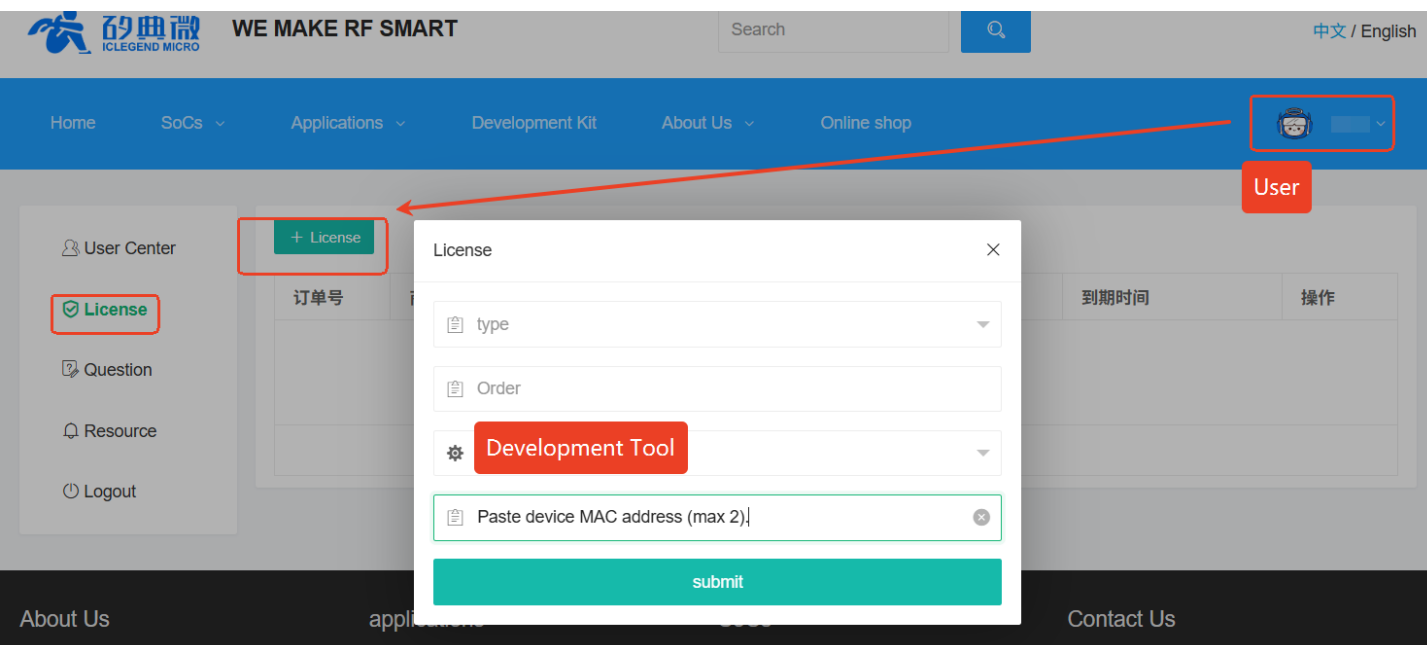
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### 📌 Step 2: Submit Authorization Application

Access the "**User Center - License**" section on the official website. Click the "**+ License**" button and fill in the order-related information:

- Select marketplace type
- Enter marketplace order number
- Select software (Development Tool)
- **Paste the copied MAC address**

Click "**Submit**" and wait for system approval.



The screenshot displays the ONELAB website's user interface. At the top, the logo for IC Legend Micro and the slogan "WE MAKE RF SMART" are visible. A search bar and language selector (中文 / English) are also present. The main navigation bar includes links for Home, SoCs, Applications, Development Kit, About Us, and Online shop. A user profile icon is located in the top right corner, with a "User" label below it. On the left sidebar, the "User Center" menu is expanded, and the "License" option is highlighted with a red box. In the main content area, a "+ License" button is also highlighted with a red box. A modal window titled "License" is open, showing a form with the following fields: "type" (a dropdown menu), "Order" (a text input field), "Development Tool" (a dropdown menu with a gear icon), and "Paste device MAC address (max 2)" (a text input field with a clear button). A "submit" button is located at the bottom of the modal. A red arrow points from the "+ License" button in the main content area to the "License" modal window.

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### Step 3: Enable Authorization

Once approved, download the license file and configure it in the Development Tool software to activate all debugging features.

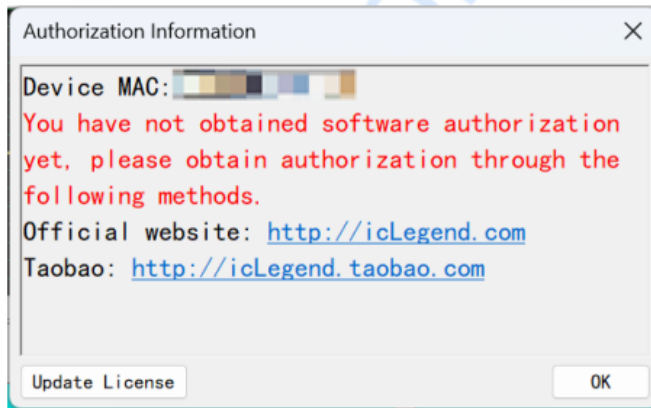


Figure 2-2 Unauthorized or Expired Authorization Reminder Interface

Click the "Update Authorization Information" window and fill in the authorization file (.lic) corresponding to the MAC address (Figure 2-3).



Figure 2-3 "Update Authorization" Interface

Upon successful authorization, the authorization information window updates as follows (Figure 2-4).



Figure 2-4 Authorization Information Interface

Authorization files can also be updated later through "Help -> Authorization Information" in the menu.