UBTECH EDUCATION

uKit Explore Connection

The UKIT Advanced microcontroller, called uKit Explore, is considered the brain of the robot. There are two methods to connect the uKit Explore to uCode: USB and Bluetooth.

- **USB** connects in Stage mode, Upload mode, and the Arduino IDE. This is also used to perform firmware updates. It is recommended to initially connect with USB. See instructions below.
- **Bluetooth** connects in Stage mode only and requires the addition of the Bluetooth module connected to the uKit Explore board.

To connect via USB, follow these steps:

1. Open a Google Chrome browser and go to uCode: https://idena.ubtrobot.com/#/.
2. Connect one end of the USB to your uKit Explore microcontroller and the other to your computer. When connected correctly, you will see a red light signaling the board has power.
3. Select **uKit Explore** from the **Select a device** dropdown.
4. The first time you connect, you'll be prompted to download **uCodeLink**, the connection assistant plugin for PC and Mac. Click **Download** and uCodeLink will automatically download to your device.
    - For Chromebook, you will need to add **uCodeLink** as a Chrome Web Extension.
5. After downloading, open, and follow the prompts to install. This application will run in the background after installation and you will only do this process once. Make sure to install appropriately. ***Prior to connection, reload uCode.***
    - If prompted, to perform a firmware update, it is always suggested to proceed.

uKit Explore is compatible with the following devices:

	Windows		Mac		Chromebook	
	MINIMUM	RECOMMENDED	MINIMUM	RECOMMENDED	MINIMUM	RECOMMENDED
OPERATING SYSTEM	Windows 10 (32 bit)	Windows 10 (64 bit) or higher	Mac OS 10.14 (Yosemite)	Mac OS 10.15 (Yosemite) or higher	Chrome OS version 89	Chrome OS version 91
CPU	Core i3	Core i5 or faster	Core i3	Core i5 or faster	Core i5	Core i7
MEMORY	4GB	8GB or higher	4GB	8GB or higher	2GB	4GB
STORAGE	16GB	128GB or larger	8GB	128GB or larger	16GB	32GB

For technical issues, contact:
Customer Support
education.service@ubtrobot.com | 1.800.276.6137

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