

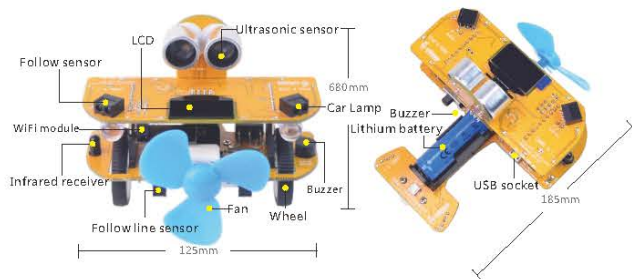
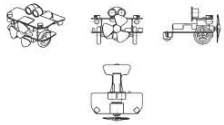
# CAMEL F.1 Programmable Robot



## Instruction

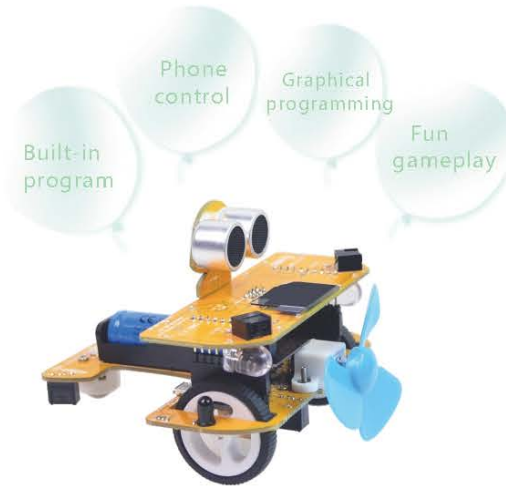
Camel F.1 is a miniature desktop robot that combines a variety of interesting ways to play. It uses a micro processor like Arduino and designed by two kinds of Arduino, Scratch programming with convenient, easy to understand. Camel F.1 is an Educational kit for beginners to learn the knowledge of the STEAM(Science, Technology, Engineering, Art, Mathematics) field, and can let you into a different world of programming.

## Function parameters



## Features

The key to unlocking the future in the age of intelligence!



## Remote control method

### Method 1: Smart phone



Key control



Gravity sensor controlling

### Method 2: Infrared remote control



Return to manual control

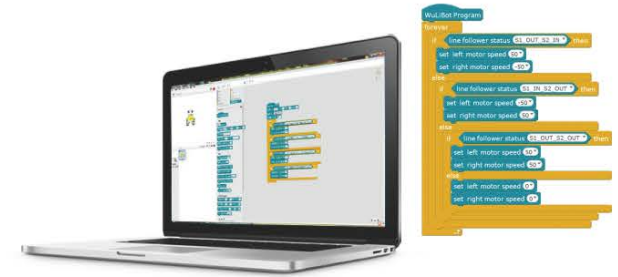
5  
Turn on/off the light

Follow line ultrasonic distance display

1	2	3	Follow object
4	5	6	Turn right
7	8	9	4 gear fan speed regulation
Back away			

Turn left

## XRSscratch graphical programming software



## XRSscratch introduction

XRSscratch is a graphical programming software based on Scratch that not only inherits all the feature of Scratch but also adds many script blocks that interact with the hardware so that users no longer have to write obscure C language code, and can easily drag the script module to read the sensor value and control the output of the motor, lantern, etc., to achieve a rapid programming of a robot.



Documents download

## Basic remote control use steps

◆ Turn on the power switch of Camel F.1, the robot will play the music for 10 seconds and display the welcome pattern on the LCD.

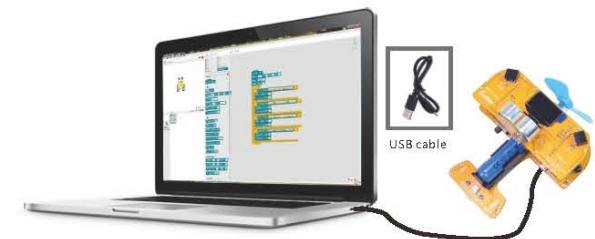
### [WiFi mode]

1. Open the system setting of the mobile phone-WLAN, Search for wireless signals at the beginning of the 'wifi-robots.com'
2. Open the Xiao R technology control software APP, you can wireless remote control.

### [Infrared mode]

- ◆ Use XRSscratch graphical programming software to download Lesson 18 programs to Camel F.1 for control the robot by using an infrared remote control.

## Download download and charger



Camel F.1 uses USB cable to achieve program download or charge, when the robot is in charging, the LED on the USB side lights up red, when blue light up, it means that the charging is done. The charging voltage is 5V, and you can use the computer USB interface or other mobile charger to charge the robot.