RoboMaster S1 Release Notes

Date :	2020.09.16
RoboMaster App Version :	iOS v1.1.4 Android v1.1.4, Windows v1.1.4, macOS v1.1.4
Firmware Version :	v 00.06.0500

What´s New?

Firmware
• Adds support for DJI Education Hub.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

• After updating the robot´s firmware, update the app to the corresponding version. Not doing so will result in being unable to connect the app and use the robot. App Version: 1.1.4 or later.

RoboMaster S1 Release Notes

Date :	2020.07.01
RoboMaster App Version :	iOS v1.1.2, Android v1.1.2, Windows v1.1.2, macOS v1.1.2
Firmware Version :	v 00.06.0300

What's New?

Firmware

- Optimized the robot's performance in Battle mode, including changing the LED indicator status from "blinking red once" to "turning off" when a hit is detected, removing the LED indicator status as "Defeated" when the robot is offline during the battle for over 10 seconds, and etc.

Tips

- DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

- After updating the robot's firmware, update the app to the corresponding version. Not doing so will result in being unable to connect the app and use the robot. App Version: 1.1.2 or later.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2020.05.18
RoboMaster App Version :	iOS v1.1.2, Android v1.1.2, Windows v1.1.2, macOS v1.1.2
Firmware Version :	v 00.06.0100

What´s New?

Firmware

- Adds new interfaces for playing custom audio, power acquisition, and chassis rotation.

- Resets the default armor sensitivity value to 5 after restarting a program.

- Resets the default line identification color to blue after restarting a program.

Tips

- DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

- After updating the robot´s firmware, update the app to the corresponding version. Not doing so will result in being unable to connect the app and use the robot. App Version: 1.1.2 or later.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2020.03.23
RoboMaster App Version :	iOS V 1.1.1, Android V 1.1.0, Windows 1.1.0, macOS v1.1.0
Firmware Version :	V 00.05.0100

What´s New?

Firmware

• Adds Scratch programming blocks for emitting and receiving infrared beams and value mapping to Lab.

• Adds Python programming interfaces for multi-machine communication and UI customization to Lab.

• Adds support for controlling the chassis separately.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2019.11.28
RoboMaster App Version :	iOS v1.0.8, Android v1.0.8, Windows v1.0.8
Firmware Version :	v00.05.0046

What´s New?

Firmware

• Added Intercom.

• Added support for SBus port.

App

• Added Conquest Mode to Battle. Teams compete to occupy bases using visual recognition. The team with the most bases wins.

• Added Intercom. Users can record sounds on the app and play them on the S1. Sounds can also be recorded by the S1 and listened to on the app. Note that this feature requires your authorization to access the microphone of your mobile device.

• Added Master Board. A feature of the new Mastery Tracker system. Users can check how far they have driven and for how long, how many lines of code they have written and how long they have spent programming, how long they have spent on target practice, and their Road to Mastery level. *

• Added Drifting and Lightning Strike to Road to Mastery. Users can enjoy fun and challenging new tasks.

• Added windowed mode to Windows version.

* Firmware version of v00.05.0046 or later is required.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2019.10.12
RoboMaster App Version :	iOS v1.0.7, Android v1.0.6, Windows v1.0.7
Firmware Version :	v00.05.0038

What´s New?

App

- Fixed issue: S1 modules could not connect to the app and the wireless video transmission failed when setting the system language of the mobile device to Traditional Chinese, Korean, Spanish, French, German, or Russian.

Tips

- DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2019.09.29
RoboMaster App Version :	iOS v1.0.6, Android v1.0.6, Windows v1.0.6
Firmware Version :	v00.05.0038

What's New?

Firmware

• Added play note to enable the S1 to play piano notes through programming. *

• Added identified line info to enable the S1 to recognize multiple lines. *

• Added S1 voice broadcast in other languages, including Korean, Spanish, French, German, and Russian.

• Fixed occasional issue: the armor cannot communicate.

* For these firmware updates, the RoboMaster app version must be v1.0.6 or above.

App

• Added app display in other languages, including Traditional Chinese, Korean, Spanish, French, German, and Russian. (Road to Mastery currently supports Simplified Chinese, English, and Japanese.)

• Added S1 voice broadcast in other languages, including Korean, Spanish, French, German, and Russian.

• Added play note feature to enable the S1 to play piano notes through programing in the multimedia tag of Lab. **

• Added identified line info to enable the S1 to recognize multiply lines through programing in the smart tag of Lab. **

• Optimized Road to Mastery's mission verification.

• Adapted to iOS 13.

• Adapted to Android 9.

• DSP file import is available for Android version.

** For these firmware updates, S1 version must be v00.05.0038 or above.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2019.08.30
RoboMaster App Version :	iOS v1.0.4, Android v1.0.5 Windows v1.0.4
Firmware Version :	v00.05.0028

What´s New?

App

• Fixed issue: the app was frozen when customizing speed in the Settings page.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2019.08.09
RoboMaster App Version :	iOS v1.0.4, Android v1.0.4, Windows v1.0.4
Firmware Version :	v00.05.0028

What´s New?

Firmware

• Added Programming Sleep Mode to save the battery power of the S1 while programing in Lab.*

• Added Wi-Fi Channel Settings when connected via Wi-Fi to improve the connection quality of S1 in environments with signal interference.

• Added ability to turn off the S1 in the app.*

• Fixed issue: an array line number exception prompt would be erroneously sent while using Python programming in Lab.

* For the above firmware updates, the version of the RoboMaster app must be v1.0.4 or above.

App

• Added Programming Sleep Mode to save the battery power of the S1 while programing in Lab.**

• Added Wi-Fi Channel Settings when connected via Wi-Fi to improve the connection quality of S1 in environments with signal interference.

• Added ability to turn off the S1 in the app.**

• Added ability to import DSP files in Lab for the Windows version of the RoboMaster app.

• Optimized overall app experience.

** For the above firmware updates, the version of the S1 must be v00.05.0028 or above.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide then Feedback in the app.

https://www.dji.com/robomaster-s1

RoboMaster S1 Release Notes

Date :	2019.07.19
RoboMaster App Version :	iOS v1.0.2, Android v1.0.2, Windows v1.0.2
Firmware Version :	v00.05.0026

What's New?

Firmware

- Optimized the launch speed limit threshold of the blaster.

- Fixed issue: there was LED interference when using multiple modules in Lab.

- Fixed occasional issue: Scratch program could not be stopped.

- Fixed occasional issue: the vision module did not work normally.

- Fixed occasional issue: the camera view had a blue tint.

Tips

- DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide -> Feedback in the app.

RoboMaster S1 Release Notes

Date :	2019.06.30
RoboMaster App Version :	iOS v1.0.2, Android v1.0.2, Windows v1.0.2
Firmware Version :	v00.05.0020

What's New?

Firmware

• Added a warning prompt when entering safe mode.

• Optimized the detection algorithms of line identification.

• Fixed occasional issue: video recording could not be stopped.

• Fixed issue: when using Scratch, there were issues using some AI modules.

App

• Added function so that the screen display also flips vertically when the mobile device is flipped vertically.

• Added Japanese version of the RoboMaster S1 Lab.

• Added instructions to use the gamepad.

• Optimized overall app experience.

Tips

• DJI will regularly update the app and firmware of the RoboMaster S1. Feedback and suggestions are welcome through Guide -> Feedback in the app.

https://www.dji.com/robomaster-s1