MJB Software

Release Note

MRN100-1.0E, 11/08/2021

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Contents

Contents i

1 About This Release 1

2 Feature and Enhancement Summary 2

3 Platform Supported 3

4 Documents 4

1 About This Release

MJB software V1.0.0 supports:

- Software platform: MJB Integrated Development Environment.
- Product platform: MJB Board, MJB Mini Board.
- Projects: person detection, car detection, gender detection, digital detection, clock detection, micro speech detection, gesture detection, sine curve.
- Frontend input: Camera, Audio, Accelerometer, HDMI Rx.
- Backend input: LED, UART, HDMI Tx.
- Integrates with TensorFlow and TensorFlow Lite frameworks, and runs trained machine learning models to generate all the firmware needed, allowing you to deploy machine learning models directly to MJB Board and MJB Mini Board with zero coding.

For the complete functions and enhancements of this release, please refer to 2 Feature and Enhancement Summary.

2 Feature and Enhancement Summary

The following table summarizes the features and enhancements:

Function	Description
MJB Software: V1.0.0	
Function	● Software platform: MJB integrated development environment. ● Product platform: MJB Board, MJB Mini Board. ● Projects: person detection, car detection, gender detection, digital detection, clock detection, micro speech detection, gesture detection, sine curve. ● Frontend input: Camera, Audio, Accelerometer, HDMI Rx. ● Backend input: LED, UART, HDMI Tx. ● Integrates with TensorFlow and TensorFlow Lite frameworks, and runs trained machine learning models to generate all the firmware needed, allowing you to deploy machine learning models Design directly to MJB Board and MJB Mini Board with zero coding.
Enhancements	● Zero coding. ● Generates all the firmware needed, allowing you to deploy machine learning models Design directly to MJB Board and MJB Mini Board.

3 Platform Supported

The software is supported on the platform listed below.

Windows	Windows 7/8/10 (32 bit/64 bit)
MacOS	MacOS 11.2.3

4 Documents

The released documents are listed in the table below and the PDF version is packaged in the installation directory.

Documents	Description
MRN100-1.0, MJB Software Release Note	PDF
MUG100-1.0, MJB Software Release Note	PDF

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