



CR2100 Application Firmware Read Me

Version 1.0.3

April 2024

Associated firmware file versions	
CR2100	
CR2100 Firmware	1.0.3
Decoder	23.2.2
Charger A211	1.0.0

******* PLEASE NOTE: *******

- This readme file contains information about the latest version of the firmware for the CR2100 hardware. Code Technical Support and/or Support for all Code products is available from Code website at:
www.codecorp.com

Table of Contents

1. NEW FEATURES IN THIS RELEASE	4
2. ENHANCEMENTS/IMPROVEMENTS/FIXES.....	4
3. CHANGES TO DEFAULT SETTINGS.....	4
4. OUTSTANDING ISSUES	4
5. CONFIGURATION CODES	5
6. FIRMWARE FILE NAMING CONVENTION	6
7. SOFTWARE/READER TOOL COMPATIBILITY.....	6
8. TECHNICAL SUPPORT INFORMATION	7

1. NEW FEATURES IN THIS RELEASE

Version 1.0.3

- Initial Release

2. ENHANCEMENTS/IMPROVEMENTS/FIXES

Version 1.0.3

- None

3. CHANGES TO DEFAULT SETTINGS

Version 1.0.3

- Initial Release

4. OUTSTANDING ISSUES

Note: Firmware ENHANCEMENTS and OUTSTANDING ISSUES are categorized as critical and noncritical. Critical updates require the user to upgrade firmware and all reader programming guides and manuals.

***** CRITICAL *****

- None

*****NON CRITICAL*****

- Rapidly scanning a QCC, while there is a valid base nearby, can cause the base to reboot
- Occasionally image uploads fail over BLE
- Match string validation configuration string CDOP_SM and full data format string CDOPSFDF can only handle up to 512 bytes of data in the command
- When the reader is in packet mode ISO validation isn't error beeping
- When MDPM_ET is set to 1 it can cause a flicker in the targeting bar

5. CONFIGURATION CODES

NEW CONFIGURATION CODES: NONE

Code	Ver	Description

EXISTING CONFIGURATION CODES THAT HAVE BEEN MODIFIED: NONE

Code	Ver	Description

EXISTING CONFIGURATION CODES THAT HAVE BEEN REMOVED: NONE

Code	Ver	Description

6. FIRMWARE FILE NAMING CONVENTION

The CR2100 firmware CRVFW file names describe the corresponding platform associated with the file. See the table below for a breakdown of the filename:

Cxxxxxx_<Version>_<Product>_<Components>_<Imager_type>.crvfw

File name part	Description	Notes	
Cxxxxxx	Unique Code internal tracking number	This number is unique for all Code firmware/hardware but has no other significance	
<Version>	The version number of this firmware in three integers as Major.Minor.Build	Major – A change to this number equates to significant changes such as breaking backwards compatibility	
		Minor – A change to this number equates to a change or addition to functionality	
		Build – A change in this number equates to an issue fix or some minor change. It is updated for every build of the firmware.	
<Product>	The product on which this firmware will run	Currently CR2100 only (other values reserved for future use)	
<Components>	Four alphanumeric characters describing product characteristics and sub-assemblies	1 st character	1 = CT8200 Chip Revision 1.01 2 = CT8200 Chip Revision 2.00
		2 nd character	A = CR8200 Optics M = CR8000 Optics
		3 rd character	K = CR2100 Development Board for Development D = CR2100 Decode Board in production units
		4 th character	0 = Normal firmware (other integers reserved for future use)
<Imager_type>	Designates the optics used	L00	Single-field optics
		L01	Single-field IR-Cut optics
		L02	Dual-field optics

7. SOFTWARE/READER TOOL COMPATIBILITY

Recently upgraded Code software is available for download from Code website at: www.codecorp.com or contact Code Technical Support.

Software	Version
CortexTools™3	2.3.3 or higher

8. TECHNICAL SUPPORT INFORMATION

You may contact Code at:

The Code Corporation
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Salt Lake City, UT 84123

Voice: 801-495-2200

Fax: 801-495-0280

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You can track new product releases, software updates and technical bulletins by visiting the Code web page at <http://codecorp.com>.

If you have technical questions, please contact support@codecorp.com

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