



## **AsReader ASR-R202G**

## **Module Setting Manual**

Asterisk, Inc.

Version 2.0

※ The contents of this manual are subject to change without notice due to functional improvements.

Revision History

Version	Date	Revised Items
1.0	2020/12/23	The initial release
2.0	2021/1/7	Partial description changes due to specification changes

This manual describes how to change the types of barcode that can be read by ASR-R202G and the operation during reading.

※ ASR-R202G will be referred to as "this product" hereafter.

**【Parameters Used】**

This product is shipped with the settings described in the "Parameter Default Setting Table". An asterisk (\*) on the settings barcode indicates this is a default setting.

If you want to initialize the module after changing the parameters, you need to use the application for this product (LongRange2D). For how to install and use the application, refer to the user's manual of this product and the operation manual of the demo application.

<https://asreader.com/downloads/asr-r202g/>

**Before Setting the Parameters**

Make sure the battery of this product is fully charged before setting the parameters.

**How to Change the Parameters**

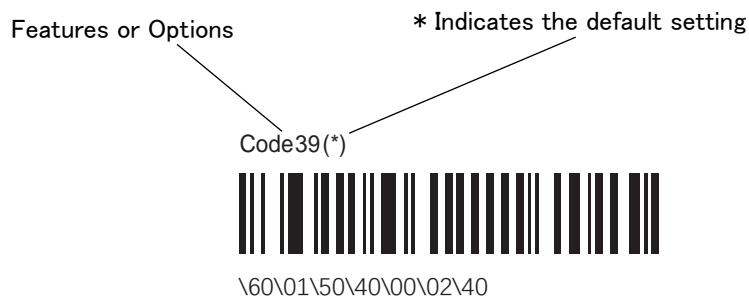
From this manual, select the corresponding barcode and scan it. The settings are saved inside AsReader.

• Parameter Setting Change Steps

1. Start the product, not need to connect the smart device.
2. Press the trigger button to scan the corresponding barcode of the item for which you want to change the settings.

※ The laser will be off once the setting barcode is successfully scanned without any beep or vibrating.

Setting Barcode Display e.g.)



Parameter Default Setting Table

<b>Parameters</b>	<b>Default Settings</b>	<b>Page</b>
Postamble	Carriage Return + Line Feed	4
Disable all types of barcodes	This feature is disabled	4
Readable barcode types	Codabar, Code39, Data Matrix, Code128, GS1-128, Interleaved 2 of 5, PDF 417, UPC-A, UPC-E, EAN-8, EAN-13, Aztec, QR Code, MaxiCode, Code 93	4~9
Enable Center Decoding	This feature is disabled	9

### 1. Select postamble

Select whether to add a line feed code at the end of the data.

none



\60\02\42\01\00\00\00

Carriage Return + Line Feed (\*)



60\02\4201\00\00\02\00\22\4A

### 2. Disable all symbologies

Disable the reading of all barcode types.

disable all symbologies



\60\08\55\23

### 3. Select symbologies

Select the type of barcode that can be read. If you want to read only a specific type of barcode, scan the barcode in item 2 above, disable all, and then select the barcode you want to read from the following.

Codabar (minimum length = 6) (\*)



\60\01\4B\20\00\02\40

Code39(\*)



\60\01\50\40\00\02\40

BPO



\60\01\26\00\00\02\40

Data Matrix (\*)



\60\02\20\40\00\02\40

Code 128 (\*)



\60\01\53\20\00\02\40

GS1-128(\*)



\60\01\53\22\00\02\40

Interleaved 2 of 5(\*)



\60\01\56\00\00\02\40

Standard 2 of 5



\60\02\00\40\00\02\40

PDF 417 (\*)



\60\02\0B\20\00\02\40

UPC-A (\*)



\60\02\08\40\00\02\40

UPC-E (\*)



\60\02\08\41\00\02\40

EAN-8 (\*)



\60\02\08\42\00\02\40

EAN-13 (\*)



\60\02\08\43\00\02\40

Canada Post



\60\01\28\40\00\02\40

Aztec (\*)



\60\02\1E\00\00\02\40

QR Code (\*)



\60\02\23\20\00\02\40

Dutch Post



\60\01\30\40\00\02\40

Japan Post



\60\01\2E\00\00\02\40

MaxiCode (\*)



\60\02\1B\20\00\02\40

Planet



\60\01\23\20\00\02\40

Postnet



\60\01\20\40\00\02\40

Australian Post



60\01\2B\20\00\02\40



Code 93(\*)



\60\01\4E\00\00\02\40

GS1 Composite CC-AB



\60\02\26\00\00\02\40

GS1 Composite CC-C



\60\02\26\01\00\02\40

MSI Code



\60\01\5B\20\00\02\40

MicroPDF417



\60\02\0B\22\00\02\40

Matrix2 of 5



\60\01\58\40\00\02\40

Codablock F



\60\02\0E\01\00\02\40

Plessey



\60\01\5E\00\00\02\40

#### 4. Center Decoding

With this feature, you can only read the barcode which the laser aimer is aiming to. It is useful for reading when there are multiple barcodes are close together.

center decoding - enable



\60\03\0E\01\00\02\40

※ Once this function is enabled, it cannot be disabled by scanning setting barcode. If you want to disable it, please set it in the demo application.