User Manual

M3Y Scan Engine

Table of Content

1 Introduction 11

Usb of Setting Barcode 11

1.1 Restore to factory default 12

2 Interface 12

2.1 Serial Interface 12

2.1.1 Baud Rate 13

2.1.2 Check Digit 15

2.2 USB HID-KBW 15

2.2.1 Decode Session Timeout 16

2.2.2 Polling Speed 17

2.2.3 Countries Keyboard 19

2.3 USB-CDC 20

2.3.1 USB HID-POS 21

3. Scan Mode 23

3.1 Batch Mode 23

3.2 Level Mode 23

3.3 Level or Pulse Mode 23

3.4 Decode Session Timeout 24

3.5 Reread Timeout 25

3.6 Auto-Sensing Mode 27

3.7 Decode Session Timeout 28

3.8 Reread Timeout 28
3.9 Image Stabilization Timeout(Sense Mode) 31
3.10 Sensitivity-Auto Sensing Mode 32
3.11 Continuous Mode 33
3.12 Decode Session Timeout 33
3.13 Timeout Between Decodes 34
3.14 Reread Timeout 35
4 LED and Aimer 38
4.1 Illumination LED 38
4.2 Aimer 38
5 Beeper 39
5.1 Beeper 39
5.2 Startup Beep 40
5.3 Good Read Beep 40
5.4 Beeper Type 41
5.5 Beeper Volume 41
5.6 Setup Beep 42
5.7 Good Read LED Indicator 43
5.8 Not Good Read（NGR） 44
6 Data Format 46
6.1 Data Edit 46
6.2 Prefix and Code ID sequence 46

6.3 Custom Prefix 47
6.3.1 Custom Prefix 47
6.3.2 Set Custom Prefix 47
6.4 Code ID 48
6.4.1 Add Code ID 48
6.4.2 Modify Code ID 49
6.5 Custom Suffix 54
6.5.1 Custom Suffix 54
6.5.2 Set Custom Suffix 54
6.6 Terminator Suffix 55
6.6.1 Add Terminator Suffix 55
6.6.2 Modify Terminator Suffix 56
6.7 Data Edit 57
6.7.1 Start/Center/End Data 57
6.7.2 Modify Length Range to Data 58
6.8 Decode Format 59
6.9 ECI Mode 60
7 Symbologies 60
7.1 Global Setting 60
7.1.1 All Symbologies 60
7.1.2 All 1D Symbologies 61
7.1.3 All 2D Symbologies 61

7.2 Inverse Barcodes 62
7.2.1 All Inverse Barcodes 62
7.2.2 1D Inverse Barcodes 62
7.2.3 2D Inverse Barcodes 63
7.3 Code 128 64
7.3.1 Restore Default 64
7.3.2 Enable/Disable Code 128 64
7.3.3 Set Length Range 65
7.4 EAN-8 66
7.4.1 Restore to default 66
7.4.2Enable/Disable EAN-8 67
7.4.3Transmit Check Digit 67
7.4.4 Add-On Code 68
7.5 EAN-13 69
7.5.1 Restore to default 69
7.5.2 Enable/Disable EAN-13 69
7.5.3Transmit Check Digit 69
7.5.4 Add-On Code 70
7.5.5 Convert EAN13 to ISBN 71
7.5.6 Convert EAN13 to ISSN 71
7.6 UPCE0 72
7.6.1 Restore to factory default 72

7.6.2 Enable/Disable UPC-E0 72
7.6.3 Transmit Check Digit 72
7.6.4 System Character 73
7.7 UPCE1 73
7.7.1 Restore to default 73
7.7.2 Enable/Disable UPCE1 74
7.7.3 Transmit Check Digit 74
7.7.4Transmit System Character 75
7.7.5 Add-On Code 75
7.8 UPCA 76
7.8.1 Restore to default 76
7.8.2 Enable/Disable UPCA 76
7.8.3 Convert UPCA to EAN13 77
7.8.4 Transmit Check Digit 77
7.8.5 Transmit System Character 78
7.8.6 Add-On Code 78
7.9 Interleaved 2 of 5 79
7.9.1Restore to default 79
7.9.2Enable/DisableInterLeaved25 80
7.9.3Set Length Range 80
7.9.4 Check Digit 82
7.10 Matrix 2 of 5 82

7.10.1 Restore to default 82
7.10.2 Enable/Disable Matrix 25 83
7.10.3 Set Length Range 83
7.10.4 Check Digit 85
7.11 Industrial 2 of 5 85
7.11.1 Restore to default 85
7.11.2 Enable/Disable Industrial 25 86
7.11.3Set Length Range 86
7.11.4 Check Digit 88
7.12 IATA 2 of 5 88
7.12.1 Restore to default 88
7.12.2 Enable/DisableIATA 25 89
7.12.3Set Length Range 89
7.12.4 Check Digit 90
7.13 Code 39 91
7.13.1 Restore to default 91
7.13.2 Enable/Disable Code 39 91
7.13.3 Transmit Start Character 92
7.13.4 Set Length Range 92
7.13.5Check Digit 94
7.13.6 Disable/Enable Code32 94
7.13.7 Full ASCII 95

7.14 Codabar 95
7.14.1Restore to default 95
7.14.2 Enable/Disable Codabar 96
7.14.3Set Length Range 96
7.14.4 Transmit Check Digit 98
7.14.5 Start/Stop Character 99
7.15 Code 93 100
7.15.1Restore to default 100
7.15.2 Enable/Disable Code 93 100
7.15.3 Set Length Range 101
7.16 Code 11 102
7.16.1 Restore to default 102
7.16.2 Enable/Disable Code 11 103
7.16.3Set Length Range 103
7.17 MSI Plessey 105
7.17.1 Restore to default 105
7.17.2Enable/Disable MSI Plessey 105
7.17.3Set Length Range 105
7.17.4 PDF 417 107
7.17.5 QR Code 107
7.17.6 Micro QR 108
7.17.7 Data Matrix 108

8 Digit barcodes 109

8.1 Digit Barcodes 0~F 109

9 Save or Cancel 112

10 Query Firmware Version 113

Appendix A: Default Parameter 114

Appendix B: Code ID 120

Appendix C： ASCII Chart 122

1 Introduction

Usb of Setting Barcode



Enter Setting(default)



Exit Setting



Transmit Setting Barcode Data



Do not Transmit Setting Barcode

Data（default）

1.1 Restore to factory default



Restore to Factory Default

2 Interface

2.1 Serial Interface



Serial Interface

Parameter	default
Serial Type	TTL-232
Baud Rate	9600
Parity Type	None
(Data Bits	8

Stop Bits	1
Hardware Flow Control	None

2.1.1 Baud Rate



1200



2400



4800



9600(default)



14400



19200



38400



57600



115200

2.1.2 Check Digit



Disable Check Digit(default)



Odd Parity



Even Parity

2.2 USB HID-KBW



HID-KBW (default)

2.2.1 Decode Session Timeout

虚拟键盘连续按键操作时的按键时间间隔，间隔时间为上一次按键松开到下一次按键按下。键间延时设置范围为 0~75ms，the default value is 2ms。其设置方法参照 Appendix D。



Default delay（default）



No Delay



Short Delay



Long Delay



Custom Delay

2.2.2 Polling Speed



1ms(default)



2ms



3ms



4ms



5ms



6ms



7ms



8ms



9ms



10ms

2.2.3 Countries Keyboard

English US（default)

French

Italian

German

Spanish



Turkish Q



English UK



Belgium



Portuguese-Portugal



Portuguese-Brazil

2.3 USB-CDC



USB-CDC

2.3.1 USB HID-POS

USB HID-POS 接口被推荐为新的应用软件使用。基于 HID 接口，不需要安装驱动。



切换到 HID-POS 接口

协议格式：

- vid：0x26f1
- pid：0x8803

主机发送数据格式：

Byte	内容
0	报文 ID（0x04）
1	有效数据长度
2-61	数据
62	0x00，1 字节保留
63	0x00(后面没有数据) 0x01(后面还有数据)

扫描设备发送给主机数据格式

Byte	内容
0	报文 ID（0x02）
1	有效数据长度
2-57	数据
58-62	0x00，5 字节保留
63	0x00(后面没有数据) 0x01(后面还有数据)

3. Scan Mode

3.1 Batch Mode

批处理模式下，当识读模块的触发控制接口变为触发电平时，识读模块开始拍摄及识读；若控制接口一直处于触发电平（低电平） 模块会持续读码，同一个条码只能被识读一次。识读成功时，识读模块将通过通讯接口输出编缉后的内容。启动新的一次批处理识读，主机需要先撤消触发电平，再发出触发电平。



切换到批处理模式

3.2 Level Mode

触发模式下，当识读模块的触发控制接口变为触发电平时，识读模块开始拍摄及识读；在"单次读码时长"的限定时间范围内，若一直保持触发电平，将持续拍摄识读直到成功。当触发电平撤消，或识读超过单次读码时长限定时，将中止拍摄识读。识读成功时，识读模块将通过通讯接口输出编缉后的内容。启动新的一次触发识读，主机需要先撤消触发电平，再发出触发电平。



切换到触发模式（default）

3.3 Level or Pulse Mode

触发模式中可选择使用电平维持条件或脉冲触发条件。电平维持条件是指在开始识读到结束读取的过程中需要保持触发信号的电平。脉冲触发条件是指检测到触发信号的电平脉冲，即开始识读，在识读成功或达到单次读码时长限定条件

时结束读取。



Level Mode(default)



Pulse Mode

3.4 Decode Session Timeout

单次读码时长限定：是在触发模式中，保持触发电平状态下，允许最长的拍摄和识读时间。超过此时长限定，不论是否识读成功，都将停止拍摄识读动作。单次读码时长设置范围为 1000~3600000ms，default 时长为 3000ms。自定义 Modify 单次读码时长限定设置方式参照 AppendixD。



单次读码时长 3000ms（default）



单次读码时长 5000ms



Modify Custom Decode Attempt Duration

3.5 Reread Timeout

为避免在触发模式中同一条码在短时间内被连续识读多次，可以要求识读模块在此模式下延时设定时长后才允许读出相同条码。

相同读码延时，是指读到一个条码后，在设定的时长内，拒读同一条码。只有在超过时长后，才可以识读并输出。

设为"相同读码不延时"，输出识读到的相同条码。

设为"要求相同读码延时"且设置"Disable 重读超时复位"，相同的条码必须超过延时时长限定后才可识读输出。

设为"要求相同读码延时"且设置"Enable 重读超时复位"，必须超过延时时长限定未读到相同的条码后才可识读输出。

若相同条码延时设为"无限时"，则相同条码不输出。



相同条码不延时(default)



要求相同读码延时



Disable 重读超时复位（default）



Enable 重读超时复位

识读以下设置码，可以快速 Modify 相同读码延时时长的限定值。相同读码延时设置范围为 0~65535ms，default 时长为 1500ms。自定义 Modify 相同读码延时时长，设置方式参照 Appendix D。



Modify 相同读码延时无限时



Modify 相同读码延时 1000ms



Modify 相同读码延时 1500ms

（default）



Modify 相同读码延时 3000ms



Modify 相同读码延时 5000ms



自定义 Modify 相同读码延时时长

3.6 Auto-Sensing Mode



Auto-Sensing Mode

3.7 Decode Session Timeout

This parameter sets the maximum time decode session continues during a scan attempt. It is programmable in 1ms increments from 1000ms to 3,600,000ms. When it is set to 0, the timeout is infinite. The default setting is 3,000ms.



3000ms（default)



5000ms



Set Custom Decode Session Timeout

3.8 Reread Timeout

Reread Timeout can avoid undesired rereading of same barcode in a given period of time. This feature is only applicable to

the Sense and Continuous modes.



Disable Reread Time（default)



Enable Reread Timeout



Disable 重读超时复位 Read

(default)



Enable 重读超时复位



No Reread Timeout



1000ms



1500ms（default）



3000ms



5000ms



Set Custom Reread Timeout

3.9 Image Stabilization Timeout(Sense Mode)

This parameter defines the amount of time the enginer will spend adapting to ambient environment after it decodes a barcode and “looks” for another. It is programmable in 1ms increments from 0ms to 3,000ms. The default setting is 60ms



稳像时长 60ms（default）



稳像时长 500ms



稳像时长 1000ms

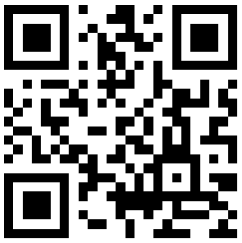


Modify 稳像时长

3.10 Sensitivity-Auto Sensing Mode



Normal



Low



High（default）



Extra High

3.11 Continuous Mode



Continuous Mode

3.12 Decode Session Timeout

在连续模式下，是指在识读成功前将持续进行采集识别的最大时长，超时后，将按设定进入不采集识读的间隔期。单次读码时长设置范围为 1000~3600000ms，default 时长为 3000ms。设置方式参照 Appendix D。



Modify 单次读码时长 3000ms

(default)



Modify 单次读码时长 5000ms



自定义 Modify 单次读码时长限定

3.13 Timeout Between Decodes

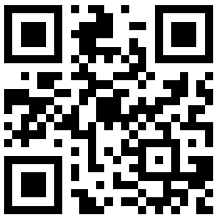
识读间隔时长是指两次识读间的间隔时间。不论识读成功或失败，在两次识读间都将有个设定时长的间隔，在此间隔中不进行采集识读。识读间隔时长设置范围为 0~65535ms，default 时长为 1000ms。自定义设置方式参照 Appendix D。



500ms



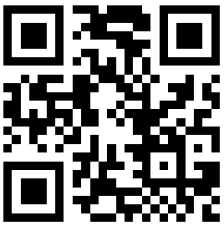
1000ms（default）



长 2000ms



5000ms



0ms



Custom Timeout

3.14 Reread Timeout

Reread Timeout can avoid undesired rereading of same barcode in a given period of time. This feature is only applicable to the Sense and Continuous modes.

After scanning "Enable Reread Timeout" and "Disable Reread Timeout Reset" barcode, the scanner will only decode the same barcode after the timeout.

After scanning Enable Reread timeout and Enable Reread Timeout Reset barcode, the scanner will only decode the same barcode for one time.

If the No Reread barcode is scanned, the scanner will not decode the same

barcode



Disable Reread Timeout（default)



Enable Reread Timeout



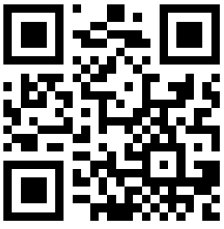
Disable Reread Timeout Reset

(default)



Enable Reread Timeout Reset

The reread timeout can be set from 0 to 65535ms，The default value is 1500ms.



No Reread



1000ms



1500ms(default)



3000ms



5000ms



Set Custom Reread Delay Timeout

4 LED and Aimer

4.1 Illumination LED



Normal（default)



Always Off



Always On

4.2 Aimer



Normal（default)



Always Off



Always On

5 Beeper

5.1 Beeper



Mute



Beeper On(default)

5.2 Startup Beep



On (default)



Off

5.3 Good Read Beep



On (default)



Off

5.4 Beeper Type



Type 1



Type 2



Type 3（default）

5.5 Beeper Volume



High（default）



Medium



Low

5.6 Setup Beep



On（default)



Off

5.7 Good Read LED Indicator



On（default)



Off



LED-Duration 100ms



LED-Duration 200ms（default)



LED-Duration 500ms

Set Custom LED Duration

5.8 Not Good Read（NGR）

Transmit NGR

Do not Transmit NGR（default）

Modify NGR

The NGR can be set from 0 to 7 characters according to ASCII Chart，character range is from 0 to 255.



Modify NGR

6 Data Format

After configuration, the scanner can output the decoded data as below format:

[Code ID] + [Prefix] + [DATA] + [Suffix] + [Terminator]

[Prefix] + [Code ID] + [DATA] + [Suffix] + [Terminator]

6.1 Data Edit



Enable Data Edit



Disable Data Edit

6.2 Prefix and Code ID sequence



Code ID+ Prefix



Prefix+Code ID（default)

6.3 Custom Prefix

6.3.1 Custom Prefix



Enable Custom Prefix



Disable Custom Prefix（default)

6.3.2 Set Custom Prefix

Up to 16 ASCII characters may be added as a custom prefix, please reference the ASCII Chart in Appendix C for desired character.



Set Custom Prefix

Example：Set custom prefix as "CODE":

1. Reference the ASCII chart in Appendix 3 to find out the hex value assigned to the desired character. The corresponding hex number for the "CODE"4 is 43、4F、44、45;
2. Scan Enter Setting barcode
3. Scan Set Custom Prefix barcode
4. Scan "4""3""4""F""4""4""4""5" barcodes from Digit barcodes.
5. Scan Save barcode

6.4 Code ID

6.4.1 Add Code ID



Enable Code ID



Disable Code ID（default)



Restore to default CODE ID

6.4.2 Modify Code ID

Example Modify PDF417 Code ID to 'p'：

1. Reference the ASCII chart in Appendix 3 to find out the hex value assigned to the desired character. The corresponding hex number for the "P" is 70.

2. Scan "Enter Setting" barcode
3. Scan "Modify PDF417 Code ID" barcode
4. Scan "7", "0" digit barcodes
5. Scan "Save" barcode
6. Scan "Exit Setting" barcode.

Modify Code ID List:



Modify PDF417 Code ID



Modify Code128 Code ID



Modify QR Code ID



Modify DM Code ID



Modify EAN8 Code ID



Modify EAN13 Code ID

Modify UPCE0 Code ID

Modify UPCE1 Code ID

Modify UPCA Code ID

Modify IATA25 Code ID

Modify Code 39 Code ID



Modify Code 93 Code ID



Modify Interleaved 2 of 5 Code ID



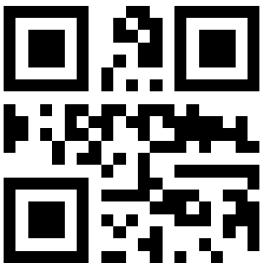
Modify Codabar Code ID



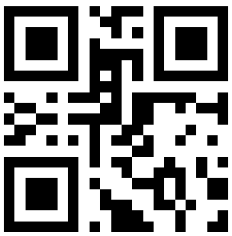
Modify Industrial 25 Code ID



Modify Matrix 25 Code ID



Modify Code 11 Code ID



Modify MSI Plessey Code ID



Modify Micro QR Code ID



Modify Code32 Code ID



Modify ISBN Code ID



Modify ISSN Code ID

6.5 Custom Suffix

6.5.1 Custom Suffix



Enable Custom Suffix



Disable Custom Suffix(default)

6.5.2 Set Custom Suffix

Up to 16 ASCII characters may be set up as a custom suffix. Please reference the ASCII chart in Appendix C to desired characters.



Set Custom Suffix

Example：Set Custom Suffix to "CODE":

1. Reference the ASCII chart in Appendix 3 to find out the hex value assigned to the desired character. The corresponding hex number for the "CODE" is 43、4F、44、45

2. Scan Enter Setting barcode

3. Scan Set Custom Custom barcode

4. Scan "4""3""4""F""4""4""4""5" barcodes from Digit barcodes.

5. Scan Save barcode

6.6 Terminator Suffix

6.6.1 Add Terminator Suffix



Add Terminator Suffix（default)



No Terminator Suffix

6.6.2 Modify Terminator Suffix



Set Terminator Suffix as 0x0D((default)



Set Terminator Suffix as 0x0D 0x0A



Set Terminator Suffix

Example : Set Terminator Suffix to 0x0D :

1. Scan Enter Setting barcode
2. Scan Set Terminator Suffix barcode

3. Scan 读数据码“0”，“D”；
4. 读“保存”；

6.7 Data Edit

6.7.1 Start/Center/End Data

Decoded Data is consists of three parts of data：[Start][Center][End].

User can select desired data parts by scanning corresponding setting codes below.



Transmit the complete Data

(default)



Only Transmit Start data



Only transmit End data

Only Transmit Center Data

6.7.2 Modify Length Range to Data

Modify Length Range to Start Data

Modify Length Range to End Data

要通过读取对应的设置码及与数据码组合使用。长度 Modify 范围 0-255。

Modify Start 段长度为 0x02，示例:

1. 0x02 的 16 进制用数据码“0”，“2”表示；
2. 读“开启设置码”；
3. 读“Modify Start 段长度”设置码；
4. 读数据码“0”，“2”；
5. 读“保存”；

6.8 Decode Format

为了让设备按照指定的编码格式打印各类数据，可以设置"输出数据编码格式"。包括 GBK、UTF-8、UNICODE。default GBK 格式。



GBK（default)



UTF8



UNICODE



原数据输出

6.9 ECI Mode



Enable ECI（default)



Disable ECI

7 Symbologies

7.1 Global Setting

7.1.1 All Symbologies



Enable All Symbologies



Disable All Symbologies

7.1.2 All 1D Symbologies



Enable All 1D Symbologies



Disable All 1D Symbologies

7.1.3 All 2D Symbologies



Enable All 2D Symbologies



Disable All 2D Symbologies

7.2 Inverse Barcodes

7.2.1 All Inverse Barcodes



Enable



Disable（default)

7.2.2 1D Inverse Barcodes



Enable



Disable（default)

7.2.3 2D Inverse Barcodes



Enable PDF417 Inverse



Disable Inverse PDF417（default)



Enable Inverse DM



Disable Inverse DM(default)

Enable QR Inverse

Disable QR（default）

7.3 Code 128

7.3.1 Restore Default

Restore Code 128 default

7.3.2 Enable/Disable Code 128

Enable Code 128（default）



Disable Code 128

7.3.3 Set Length Range



Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.4 EAN-8

7.4.1 Restore to default



Restore to default

7.4.2Enable/Disable EAN-8



Enable EAN-8 (default)



Disable EAN-8

7.4.3Transmit Check Digit

EAN-8 barcode data is fixed to 8 characters, and the last character is check digit.



Transmit Check Digit (default)



Do not Transmit Check Digit

7.4.4 Add-On Code



*Disable 2 Add-On Code



Enable 2 Add-On Code



Disable 5 Add-On Code(default)



Enable 5 Add-On Code

7.5 EAN-13

7.5.1 Restore to default



Restore to default

7.5.2 Enable/Disable EAN-13



Enable EAN-13（default)



DisableEAN-13

7.5.3Transmit Check Digit



Transmit Check Digit（default)



Do not Transmit Check Digit

7.5.4 Add-On Code



Disable2 Add-On Code（default)



Enable 2 Add-On Code



Disable 5Add-On Code（default)



Enable 5Add-On Code

7.5.5 Convert EAN13 to ISBN



Do not Convert EAN13 to ISBN

(default)



Convert EAN13 to ISBN

7.5.6 Convert EAN13 to ISSN



Do not Convert EAN13 to ISSN

(default)



Convert EAN13 to ISSN

7.6 UPCE0

7.6.1 Restore to factory default



Restore to factory default

7.6.2 Enable/Disable UPC-E0



Enable UPCE0（default)



Disable UPCE0

7.6.3 Transmit Check Digit



Transmit Check Digit（default)



Do not Transmit Check Digit

7.6.4 System Character



Transmit System Character

(default)



Do Not Transmit System Character

7.7 UPCE1

7.7.1 Restore to default



Restore to default

7.7.2 Enable/Disable UPCE1



EnableUPCE1（default)



DisableUPCE1

7.7.3 Transmit Check Digit



Transmit Check Digit（default)



Do not Transmit Check Digit

7.7.4Transmit System Character



Transmit System Character

(default)



Do not Transmit System Character

7.7.5 Add-On Code



Disable 2 Add-On Code（default)



Enable 2 Add-On Code



Disable 5 Add-On Code（default)



Enable 5 Add-On Code

7.8 UPCA

7.8.1 Restore to default



Restore to default

7.8.2 Enable/Disable UPCA



Enable UPCA(default)



Disable UPCA

7.8.3 Convert UPCA to EAN13



Disable （default)



Enable

7.8.4 Transmit Check Digit



Transmit Check Digit（default)



Do not Transmit Check Digit

7.8.5 Transmit System Character



Transmit System Character

(default)



Do not Transmit System Character

7.8.6 Add-On Code



Disable2 Add-On Code（default)



Enable 2 Add-On Code



Disable 5 Add-On Code（default)



Enable 5 Add-On Code

7.9 Interleaved 2 of 5

7.9.1Restore to default



Restore to default

7.9.2Enable/DisableInterLeaved25



Enable InterLeaved 25（default)



Disable InterLeaved25

7.9.3Set Length Range



Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.9.4 Check Digit



Disable Check Digit（default)



USS Check Digit but Do not

Transmit Check Digit



USS Check Digit and Transmit Check

Digit

7.10 Matrix 2 of 5

7.10.1 Restore to default



Restore to default

7.10.2 Enable/Disable Matrix 25



Enable Matrix 25



Disable Matrix 25（default)

7.10.3 Set Length Range



Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.10.4 Check Digit



Disable Check Digit (default)



Enable but Do no Transmit Check Digit



Enable and Transmit Check Digit

7.11 Industrial 2 of 5

7.11.1 Restore to default



Restore to default

7.11.2 Enable/Disable Industrial 25



Enable Industrial 25



Disable Industrial 25（default)

7.11.3Set Length Range



Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.11.4 Check Digit



Disable Check Digit（default)



Enable but Do no Transmit Check Digit



Enable and Transmit Check Digit

7.12 IATA 2 of 5

7.12.1 Restore to default



Restore to default

7.12.2 Enable/DisableIATA 25



Enable IATA 25



Disable IATA 25（default)

7.12.3Set Length Range



Set the Minimum Length as 00 (default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255
(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.12.4 Check Digit



Disable Check Digit (default)



Enable but Do no Transmit Check Digit



Enable and Transmit Check Digit

7.13 Code 39

7.13.1 Restore to default



Restore to default

7.13.2 Enable/Disable Code 39



Enable Code 39（default)

Disable Code 39

7.13.3 Transmit Start Character

Transmit Start Character

Do not Transmit Start Character

(default)

7.13.4 Set Length Range

Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.13.5Check Digit



Disable Check Digit

(default)



Enable but Do no Transmit Check Digit



Enable and Transmit Check Digit

7.13.6 Disable/Enable Code32



Disable Code32 （default)



Enable Code32

7.13.7 Full ASCII



Enable Full ASCII



Disable Full ASCII（default)

7.14 Codabar

7.14.1Restore to default



Restore to default

7.14.2 Enable/Disable Codabar



Enable Codabar（default)



Disable Codabar

7.14.3Set Length Range



Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.14.4 Transmit Check Digit



Disable Check Digit（default)



MOD 10 / Enable and Transmit

Check Digit



MOD 10 / Enable but Do no

Transmit Check Digit



MOD 16 / Enable and Transmit

Check Digit



MOD 16 / Enable but Do no

Transmit Check Digit

7.14.5 Start/Stop Character



Do not Transmit Start/Stop Character

The start character of Codabar may be set to one of the "A", "B", "C", "D".

Stop Character may be set to one of "T"、"N"、"*"、"E"



ABCD/ABCD (default)



ABCD/TN*E



abcd/abcd



abcd/tn *e

7.15 Code 93

7.15.1Restore to default



Restore to default

7.15.2 Enable/Disable Code 93



Enable Code 93（default)



Disable Code 93

7.15.3 Set Length Range



Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.16 Code 11

7.16.1 Restore to default



Restore to default

7.16.2 Enable/Disable Code 11



Enable Code 11



Disable Code11 （default)

7.16.3Set Length Range



Set the Minimum Length as 00 (default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255
(default)



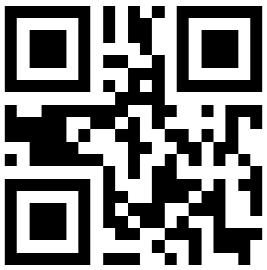
Set the Custom Minimum Length



Set the Custom Maximum Length

7.17 MSI Plessey

7.17.1 Restore to default



Restore to default

7.17.2Enable/Disable MSI Plessey



EnableMSI Plessey



Disable MSI Plessey（default)

7.17.3Set Length Range

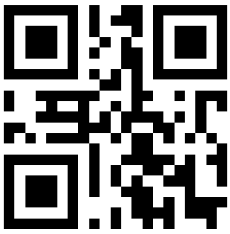


Set the Minimum Length as 00

(default)



Set the minimum length to 04



Set the Maximum Length to 32



Set the Maximum Length to 255

(default)



Set the Custom Minimum Length



Set the Custom Maximum Length

7.17.4 PDF 417



Enable PDF 417（default)



Disable PDF 417

7.17.5 QR Code



Enable QR（default)



Disable QR

7.17.6 Micro QR



Enable Micro QR



Disable Micro QR（default)

7.17.7 Data Matrix



Enable Data Matrix（default)



Disable Data Matrix

8 Digit barcodes

8.1 Digit Barcodes 0~F



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F

9 Save or Cancel



Save



取消前一次读的一位数据



取消前面读的一串数据



取消当前设置

10 Query Firmware Version



Query Firmware Version

Appendix A: Default Parameter

Description		default	Note
Setting Code			
Configuration Code		Enable	
Configuration Barcode Data		Don't Transmit	
Communication Interface		USB-Keyboard	
TTL-232	Baud Rate	9600	
	Check Bit	Disable	
	Data Bit	8	
	Stop Bit	1	
	Hardware flow	No	
HID-KBW	HID-KBW Country Keyboard Layout	America-English	
	HID-KBW Transmission Speed	2ms	
	Polling Speed	1ms	
Working Mode Parameter			
Default-Scan Mode		Trigger Scan Mode	可选为批处理模式、触发模式、感应模式、连续模式之一。
触发模式	单次读码时长	3000ms	设置范围：1000~3600000ms
	触发条件	电平	
	相同读码延时	不延时	
	重读超时复位	不复位	
	相同读码延时时长	1500ms	
感应模式	单次读码时长	3000ms	设置范围：1000~3600000ms

	稳像时长	60ms	设置范围：0~1600ms
	相同读码延时	不延时	
	重读超时复位	不复位	
	相同读码延时时长	1500ms	设置范围：0~65535ms
	场景变化门限值	10	设置范围：1~50
连续模式	单次读码时长	3000ms	设置范围：1000~3600000ms
	识读间隔时长	1000ms	设置范围：0~65535ms
	相同读码延时	不延时	
	重读超时复位	不复位	
	相同读码延时时长	1500ms	设置范围：0~65535ms
照明与瞄准			
照明模式		普通	
瞄准模式		普通	
提示输出			
开机提示音		输出	
参数名称		default 设置	备注
识读成功提示音	提示	允许	
	提示音类型	类型 3	
	提示音音量	高	
设置码识读提示音		允许提示	
解码成功 LED 提示		开启	
NGR	发送提示	不发送	
	提示内容	无	
数据编辑			
前缀与 Code ID 顺序		前缀在 Code ID 之前	
前缀添加		不添加	
前缀内容		无	
Code ID		不添加	

后缀添加	不添加	
后缀内容	无	
结束符添加	添加	
结束符内容	0x0D	
数据段截取	传输整个 Data 段	
Data 段长度 Modify	0	设置范围：0~255
输出编码类型	GBK	可选 GBK，UTF8，UNICODE，原数据输出
ECI 模式	支持	
发票模式	支持	
条码符号参数		
Code128		
识读	允许	
最大长度	255	
最小长度	0	
EAN-8		
识读	允许	
Transmit Check Digit 符	输出	
2 位 Add-On Code	不识读	
5 位 Add-On Code	不识读	
EAN-13		
识读	允许	
Transmit Check Digit 符	输出	
2 位 Add-On Code	不识读	
5 位 Add-On Code	不识读	
EAN13 转 ISBN	Disable	
EAN13 转 ISSN	Disable	
参数名称	default 设置	备注
UPC-E0		
识读	允许	
Transmit Check Digit 符	输出	

Transmit System Character	输出	
UPC-E1		
识读	允许	
Transmit Check Digit 符	输出	
Transmit System Character	输出	
2 位 Add-On Code	不识读	
5 位 Add-On Code	不识读	
UPCA		
识读	允许	
UPCA 转 EAN13	Disable	
Transmit Check Digit 符	输出	
2 位 Add-On Code	不识读	
5 位 Add-On Code	不识读	
Transmit System Character	输出	
Interleaved 2 of 5		
识读	允许	
校验	Disable Check Digit	
Transmit Check Digit 符	不输出	
最大长度	255	
最小长度	0	
Matrix 2 of 5		
识读	不允许	
校验	Disable Check Digit	
Transmit Check Digit 字符	不输出	
最大长度	255	
最小长度	0	
Industrial 2 of 5		

识读	不允许	
校验	Disable Check Digit	
Transmit Check Digit 字符	不输出	
最大长度	255	
最小长度	0	
IATA25		
识读	不允许	
校验	Disable Check Digit	
Transmit Check Digit 字符	不输出	
最大长度	255	
参数名称	default 设置	备注
最小长度	0	
Code 39		
识读	允许	
校验	Disable Check Digit	
Transmit Check Digit 字符	不输出	
Transmit Start Character 与终止符	不输出	
支持 Full ASCII	不支持	
转换成 Code 32	不转换	
最大长度	255	
最小长度	0	
Codabar		
识读	允许	
校验	Disable Check Digit	
Transmit Check Digit 字符	不输出	
Transmit Start Character 与终止符	不输出	

起始符与终止符格式	ABCD/ABCD	
最大长度	255	
最小长度	0	
Code 93		
识读	允许	
最大长度	255	
最小长度	0	
Code11		
识读	Disable	
最大长度	255	
最小长度	0	
MSI Plessey		
识读	Disable	
最大长度	255	
最小长度	0	
PDF417		
识读	允许	
QR		
识读	允许	
Micro QR		
识读	Disable	
Data Matrix		
识读	允许	
反色码	Disable	

Appendix B: Code ID

Barcode Type	Code ID
Code128	j
EAN-8	d
EAN-13	d
UPC-E0	c
UPC-E1	c
UPCA	c
Interleaved 2 of 5	e
Matrix 2 of 5	v
Industrial 2 of 5	D
IATA25	s
Code 39	b
Codabar	a
Code 93	i
PDF417	r
QR	Q
Data Matrix	u
Code 11	H
MSI Plessey	J
Micro QR	Q
Code32	b
ISBN	d
ISSN	d

Appendix C: ASCII Chart

hex	dec	char
00	0	NUL (Null char.)
01	1	SOH (Start of Header)
02	2	STX (Start of Text)
03	3	ETX (End of Text)
04	4	EOT (End of Transmission)
05	5	ENQ (Enquiry)
06	6	ACK (Acknowledgment)
07	7	BEL (Bell)
08	8	BS (Backspace)
09	9	HT (Horizontal Tab)
0a	10	LF (Line Feed)
0b	11	VT (Vertical Tab)
0c	12	FF (Form Feed)
0d	13	CR (Carriage Return)
0e	14	SO (Shift Out)
0f	15	SI (Shift In)
10	16	DLE (Data Link Escape)
11	17	DC1 (XON) (Device Control 1)
12	18	DC2 (Device Control 2)
13	19	DC3 (XOFF) (Device Control 3)
14	20	DC4 (Device Control 4)
15	21	NAK (Negative Acknowledgment)
16	22	SYN (Synchronous Idle)
17	23	ETB (End of Trans. Block)
18	24	CAN (Cancel)
19	25	EM (End of Medium)
1a	26	SUB (Substitute)
1b	27	ESC(Escape)
1c	28	FS (File Separator)

1d	29	GS (Group Separator)
1e	30	RS (Request to Send)
1f	31	US (Unit Separator)
20	32	SP (Space)
21	33	! (Exclamation Mark)
22	34	" (Double Quote)
23	35	# (Number Sign)
24	36	$ (Dollar Sign)
hex	dec	char
25	37	% (Percent)
26	38	& (Ampersand)
27	39	` (Single Quote)
28	40	((Right / Closing Parenthesis)
29	41	) (Right / Closing Parenthesis)
2a	42	* (Asterisk)
2b	43	+ (Plus)
2c	44	, (Comma)
2d	45	- (Minus / Dash)
2e	46	. (Dot)
2f	47	/ (Forward Slash)
30	48	0
31	49	1
32	50	2
33	51	3
34	52	4
35	53	5
36	54	6
37	55	7
38	56	8
39	57	9
3a	58	: (Colon)
3b	59	; (Semi-colon)

3c	60	< (Less Than)
3d	61	= (Equal Sign)
3e	62	> (Greater Than)
3f	63	? (Question Mark)
40	64	@ (AT Symbol)
41	65	A
42	66	B
43	67	C
44	68	D
45	69	E
46	70	F
47	71	G
48	72	H
49	73	I
4a	74	J
4b	75	K
4c	76	L
hex	dec	char
4d	77	M
4e	78	N
4f	79	O
50	80	P
51	81	Q
52	82	R
53	83	S
54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5a	90	Z

5b	91	[(Left / Opening Bracket)
5c	92	\ (Back Slash)
5d	93	] (Right / Closing Bracket)
5e	94	^ (Caret / CircumßEx)
5f	95	_ (Underscore)
60	96	' (Grave Accent)
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h
69	105	i
6a	106	j
6b	107	k
6c	108	l
6d	109	m
6e	110	n
6f	111	o
70	112	p
71	113	q
72	114	r
73	115	s
74	116	t
hex	dec	char
75	117	u
76	118	v
77	119	w
78	120	x
79	121	y

7a	122	z
7b	123	{ (Left/ Opening Brace)
7c	124	| (Vertical Bar)
7d	125	} (Right/Closing Brace)
7e	126	~ (Tilde)
7f	127	DEL (Delete)

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