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# 280 User Manual

*Release v1.0.0*

2026-06-27

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Start Setup

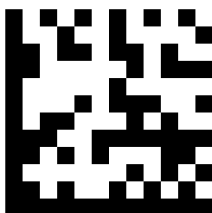
## 1 System Settings

### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

### 1.1 Restore Default Settings

This restores all scanner settings to the factory defaults.



Restore Default Settings

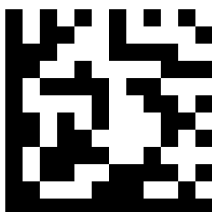
### 1.2 Custom Settings

#### Save Custom Settings

Save frequently used settings.

#### Load Custom Settings

Load the saved custom settings.



Save Custom Settings





Start Setup



Load Custom Settings

## 2 Device Feature Settings

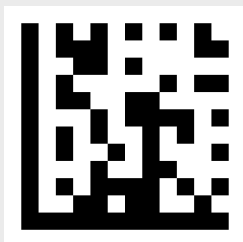
### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

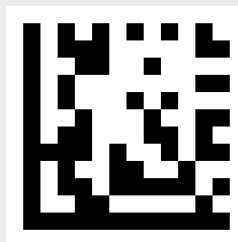
### 2.1 Aiming Light



Enable During Scanning



\* Always Enable



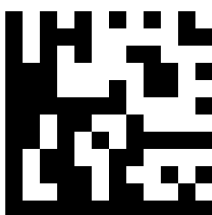
Disable

### 2.2 Illumination Mode

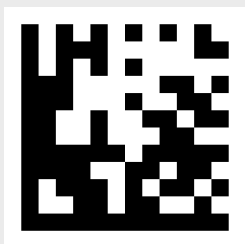




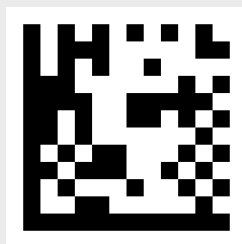
Start Setup



\* Enable During Scanning

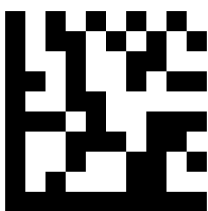


Always Enable

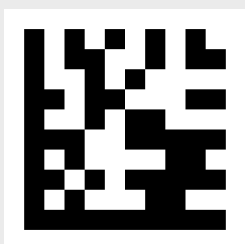


Disable

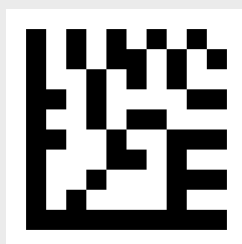
## 2.3 Illumination Brightness



\* High Brightness



Medium Brightness



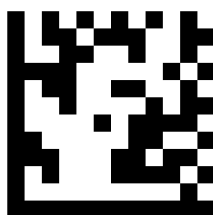
Low Brightness

## 2.4 Beeper





Start Setup



\* Enable



Disable

### 3 Trigger Settings

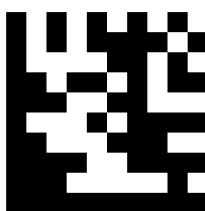
#### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

#### 3.1 Scan Mode

##### Level Trigger

Scanning starts while the scan key is held down and ends after a successful decode or when the read timeout is reached.



\* Level Trigger

##### Auto Sensing

Scanning starts when image changes are detected and ends when the read timeout is reached.





Start Setup



Auto Sensing

## Continuous Scanning

Continuously read one or multiple barcodes. The same-code interval setting defines the decode order. Press and release the scan key to start or stop scanning.



Continuous Scanning

## 3.2 Same Barcode Read Mode

In auto sensing, continuous scanning, and pulse trigger modes, you can configure how repeated reads of the same barcode are handled.

### Note

By default, the same barcode is not read again within 500 ms. The interval can be set to 0~5000 ms, where 0 means no interval.

### Suppress Repeated Reads

If the same barcode is read repeatedly within the suppression period, it is ignored and not output, and the timer restarts.

### Interval Read

If the same barcode is read repeatedly within the interval, it is ignored and not output. It is output again after the interval expires.

### Do Not Repeat Same Barcode

The same barcode is not output repeatedly.



### Example: Suppress repeated reads of the same barcode within 100 ms.

1. Scan “Start Setup” .
2. Scan the “Suppress Repeated Reads” setting barcode.
3. Scan the “Read Interval” setting barcode.



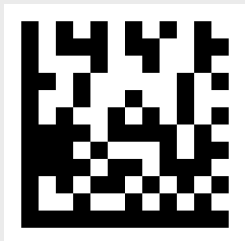


Start Setup

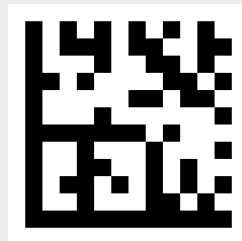
4. Scan the 1 setting barcode in *Decimal Digits*.
5. Scan the 0 setting barcode in *Decimal Digits*.
6. Scan the 0 setting barcode in *Decimal Digits*.
7. Scan “End Setup” .

**i Example: Read the same barcode again after a 1-second interval.**

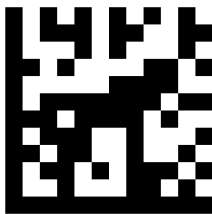
1. Scan “Start Setup” .
2. Scan the “Interval Read” setting barcode.
3. Scan the “Read Interval” setting barcode.
4. Scan the 1 setting barcode in *Decimal Digits*.
5. Scan the 0 setting barcode in *Decimal Digits*.
6. Scan the 0 setting barcode in *Decimal Digits*.
7. Scan the 0 setting barcode in *Decimal Digits*.
8. Scan “End Setup” .



\* Suppress Repeated Reads



Interval Read

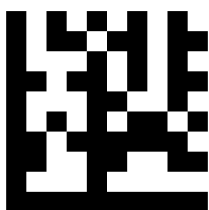


Do Not Repeat Same Barcode





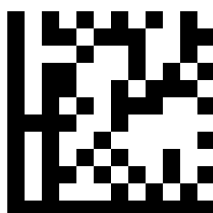
Start Setup



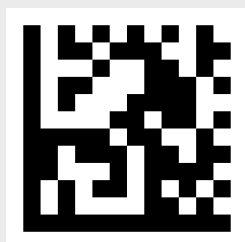
Read Interval (ms)

### 3.3 Decode Time

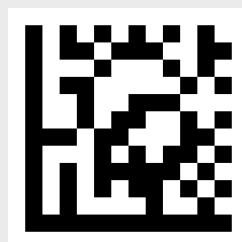
(This setting is not supported in continuous scanning mode.)



\* 5 Seconds

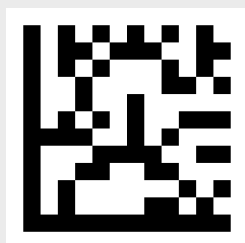


10 Seconds

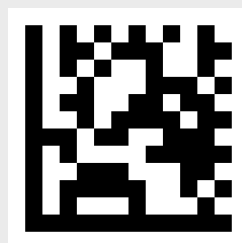


No Limit

### 3.4 Sleep Time



Disable

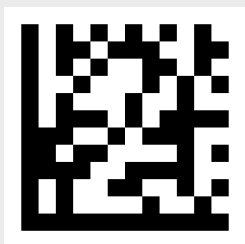


1 Second

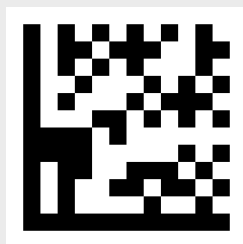




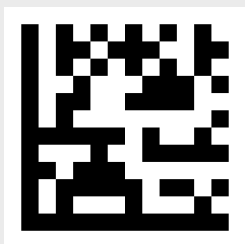
Start Setup



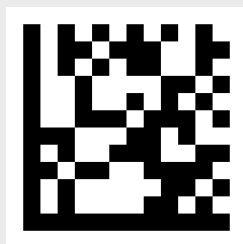
2 Seconds



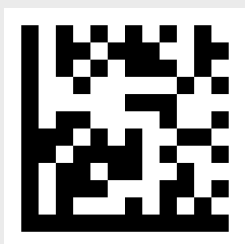
3 Seconds



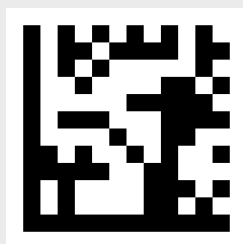
5 Seconds



7 Seconds



\* 10 Seconds



15 Seconds

### 3.5 Auto Sensing Sensitivity

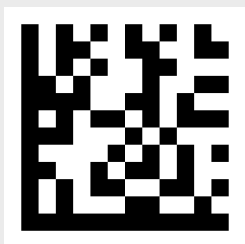




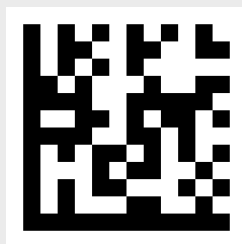
Start Setup



Low Sensitivity



\* Medium Sensitivity

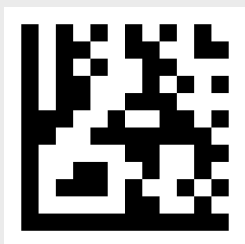


High Sensitivity

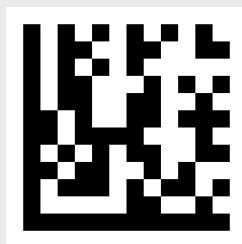
### 3.6 Decode Data Verification



\* Disable



Output After Reading Twice



Output After Reading Three Times

## 4 Interface Settings





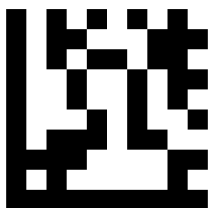
Start Setup

### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

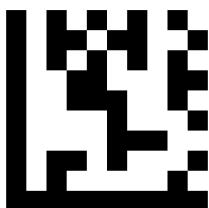
## 4.1 Output Mode

## 4.2 USB Keyboard



\* USB Keyboard Output

## 4.3 USB Virtual COM



USB Virtual COM Output

## 4.4 Serial





Start Setup



Serial Output

## 4.5 Serial Baud Rate



\\* 9600



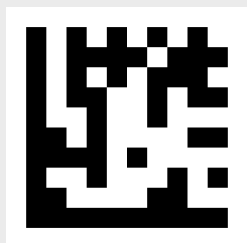
19200



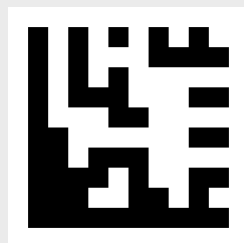
38400



57600



115200



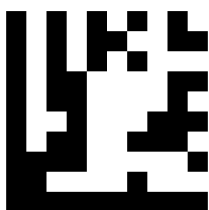
230400

## 4.6 Serial Data Bits

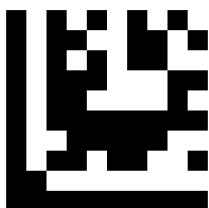




Start Setup

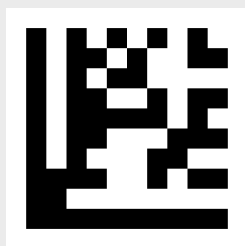


7 Data Bits

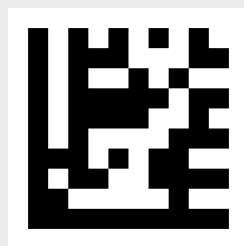


\* 8 Data Bits

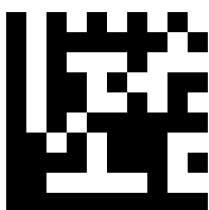
## 4.7 Serial Parity



\* No Parity



Odd Parity



Even Parity

## 4.8 Serial Stop Bits

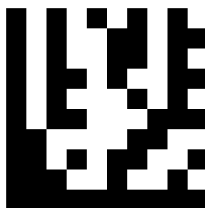




Start Setup



\* One Stop Bit



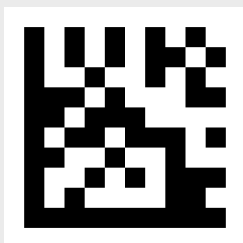
Two Stop Bits

## 5 Keyboard Settings

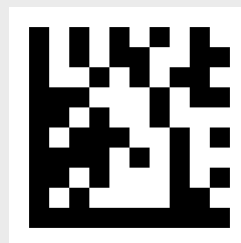
### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

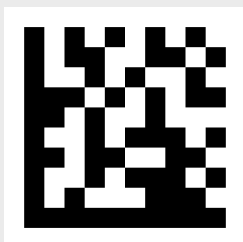
### 5.1 International Keyboard



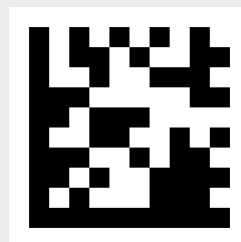
\* US



Belgium



United Kingdom

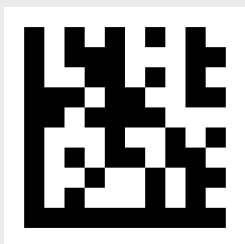


Denmark

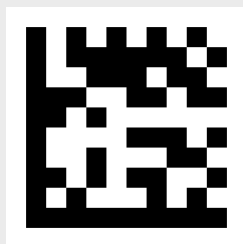




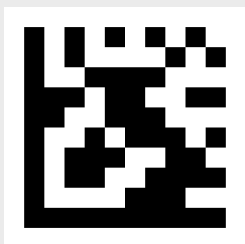
Start Setup



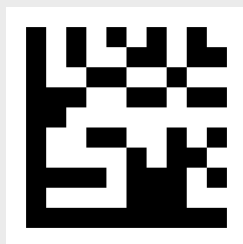
France



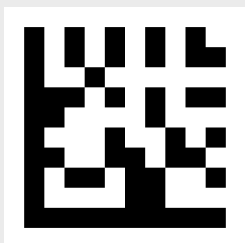
Germany



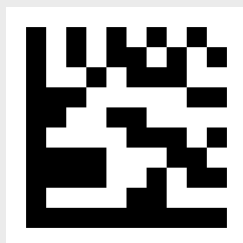
Italy



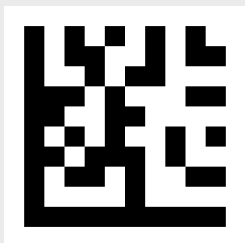
Norway



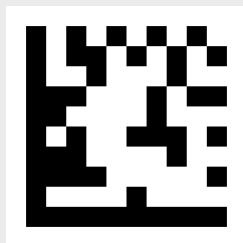
Portugal



Spain



Sweden

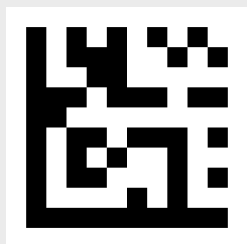


Switzerland

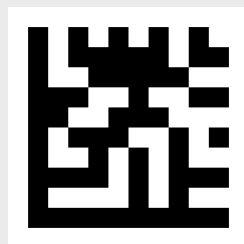




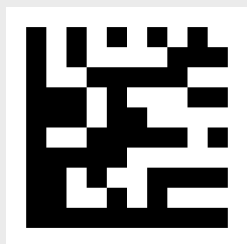
Start Setup



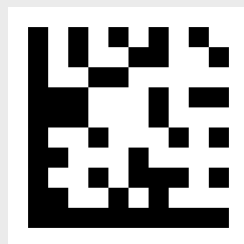
Japan



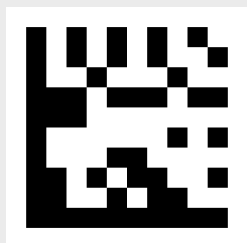
Hungary



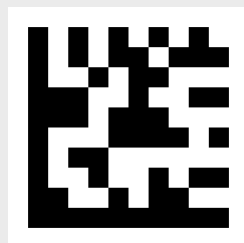
Czech Republic



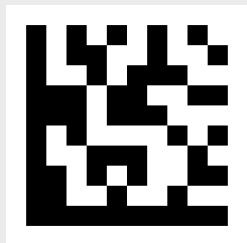
Slovakia



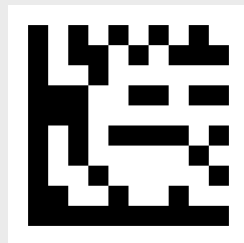
Romania



Croatia



Poland



Turkey Q





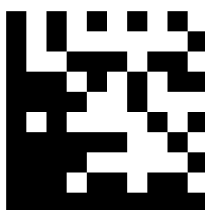
Start Setup



Brazil



Russia



Bulgaria

## 5.2 QR Keyboard Output

GB2312 Simplified Chinese

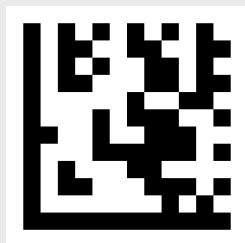


\* Notepad, Excel

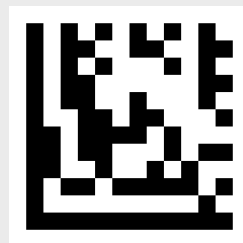


Word Output

Multilingual Generic Output (requires plugin settings)



UTF-8 - Multilingual Generic Output



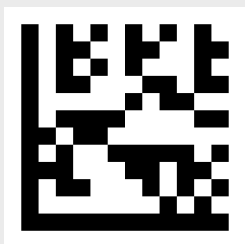
Code Page / Word Output



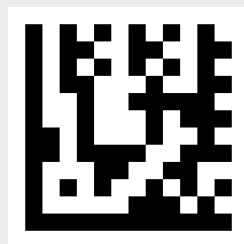


Start Setup

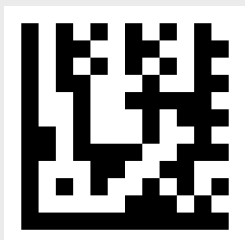
### 5.3 UTF-8 QR Keyboard Output



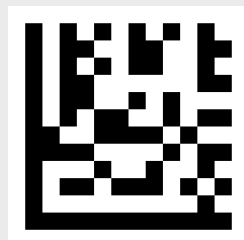
Thailand



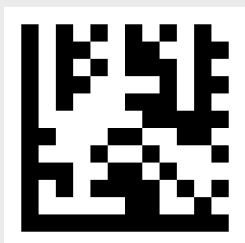
Russia



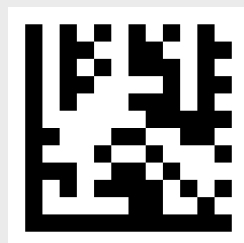
Bulgaria



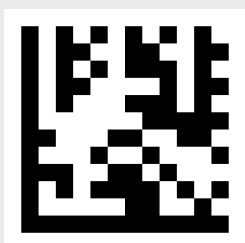
Turkey



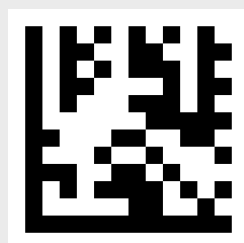
Brazil



Germany



France

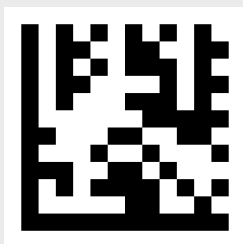


Italy

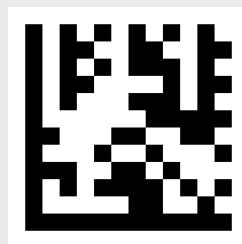




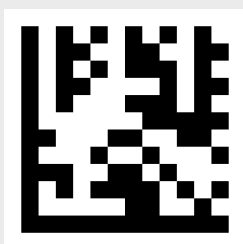
Start Setup



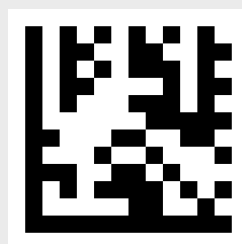
Spain



Portugal

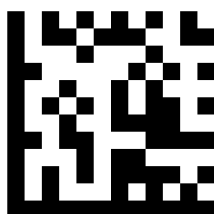


Malaysia

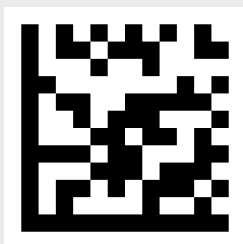


Indonesia

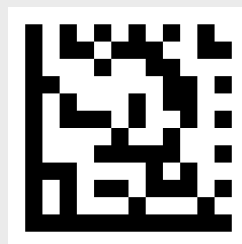
## 5.4 Letter Case Conversion



\* Disable



Convert to Uppercase



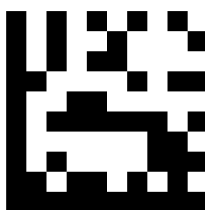
Convert to Lowercase

## 5.5 Caps Lock

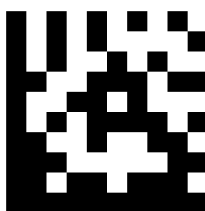




Start Setup



\* Disable Caps Lock



Enable Caps Lock

## 5.6 GS Character Conversion

Convert the GS character in keyboard mode to another ASCII code.

### Example: Convert the GS character to #.

1. Scan “Start Setup” .
2. Scan the “Convert GS Character” setting barcode.
3. Scan the # setting barcode in *ASCII Code Table*.
4. Scan “End Setup” .

### Example: Convert the GS character to Enter.

1. Scan “Start Setup” .
2. Scan the “Convert GS Character” setting barcode.
3. Scan the Enter setting barcode in *ASCII Code Table*.
4. Scan “End Setup” .

### Example: Restore the default GS character setting.

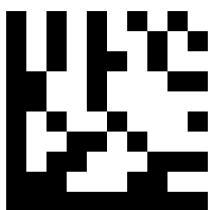
1. Scan “Start Setup” .
2. Scan the “Disable GS Character Conversion” setting barcode.
3. Scan “End Setup” .



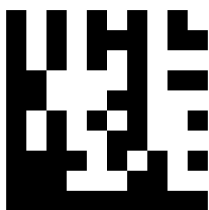


Start Setup

---

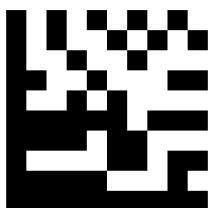


\* Disable GS Character Conversion

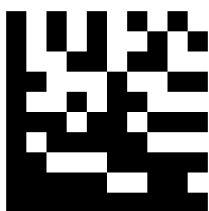


Convert GS Character

## 5.7 Function Key Mapping



Disable



\* Enable



\* Ctrl Char Mode





Start Setup



Alt + Unicode Mode

## 6 Data Editing

### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

### 6.1 Output format

The following is the data output format.

| Field               | Length / Description |
|---------------------|----------------------|
| Barcode Information | 4 bytes              |
| Prefix              | 4 bytes              |
| AIM ID              | •                    |
| Barcode Data        | •                    |
| Suffix              | 4 bytes              |
| Terminator          | 1 byte               |

### 6.2 Barcode Information

#### Important

For this procedure, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

1. By default, barcode information is not output.
2. Use a serial command or scan a setting barcode to enable or disable barcode information output.



**Warning**

This function is supported only in serial mode and is not supported in USB keyboard mode.

The format is defined as follows:

| Field                  | Length / Description           |
|------------------------|--------------------------------|
| Start Flag             | 0x03 (1 byte)                  |
| Barcode Symbology Code | 1 byte, hexadecimal            |
| Barcode Length         | 2 bytes, range 0x0001 ~ 0xFFFF |

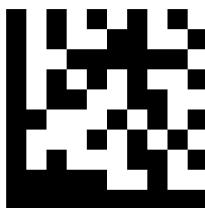
Barcode symbology codes are as follows:

| Code | Barcode Type         |
|------|----------------------|
| 0x41 | PDF417               |
| 0x42 | Micro PDF417         |
| 0x43 | Data Matrix          |
| 0x44 | QR Code              |
| 0x45 | Micro QR             |
| 0x46 | Aztec                |
| 0x47 | MaxiCode             |
| 0x61 | UPC-A                |
| 0x62 | UPC-E                |
| 0x63 | EAN-8                |
| 0x64 | EAN-13               |
| 0x65 | Code 128             |
| 0x66 | Code 39              |
| 0x67 | Code 93              |
| 0x68 | Code 32              |
| 0x69 | Code 11              |
| 0x6A | Codabar              |
| 0x6B | Plessey              |
| 0x6C | MSI Plessey          |
| 0x6D | Interleaved 2 of 5   |
| 0x6E | IATA 2 of 5          |
| 0x6F | Matrix 2 of 5        |
| 0x70 | Straight 2 of 5      |
| 0x71 | Pharmacode           |
| 0x72 | GS1 DataBar 14       |
| 0x73 | GS1 DataBar Expanded |
| 0x74 | GS1 DataBar Limited  |
| 0x75 | Composite Code-A     |
| 0x76 | Composite Code-B     |
| 0x77 | Composite Code-C     |





Start Setup



\* Disable



Enable

## 6.3 Prefix

### Important

For this procedure, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

Add output characters before barcode data. Up to 4 characters can be set.

### Example: Add the character a before all barcode data

1. Scan “Start Setup” .
2. Scan the “Set Prefix for All Symbologies” setting barcode.
3. Scan the *a* setting barcode in *ASCII Code Table*.
4. Scan “End Setup” .

### Example: Remove the prefix

1. Scan “Start Setup” .
2. Scan the “Disable Prefix for All Symbologies” setting barcode.
3. Scan “End Setup” .

### Example: Add the characters &13 before EAN-13 barcode data

1. Scan “Start Setup” .
2. Scan the “Set EAN-13 Prefix” setting barcode.



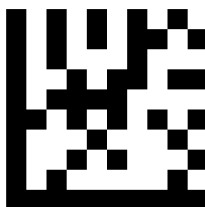


Start Setup

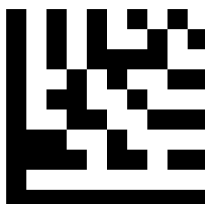
3. Scan the & setting barcode in *ASCII Code Table*.
4. Scan the 1 setting barcode in *ASCII Code Table*.
5. Scan the 3 setting barcode in *ASCII Code Table*.
6. Scan “End Setup” .

**i Example: Remove the EAN-13 prefix**

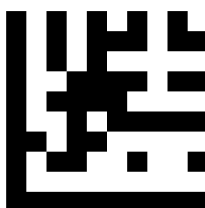
1. Scan “Start Setup” .
2. Scan the “Disable EAN-13 Prefix” setting barcode.
3. Scan “End Setup” .



\* Disable Prefix for All Symbolologies



Set Prefix for All Symbolologies



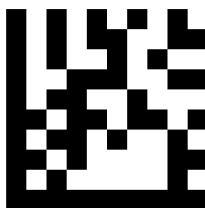
Set UPC-A Prefix



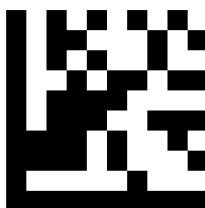


Start Setup

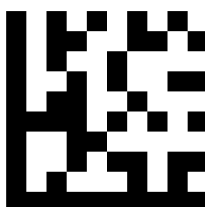
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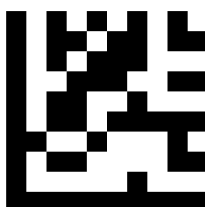
Disable UPC-A Prefix



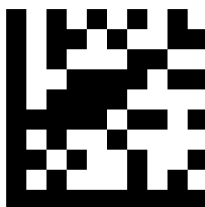
Set UPC-E Prefix



Disable UPC-E Prefix



Set EAN-8 Prefix



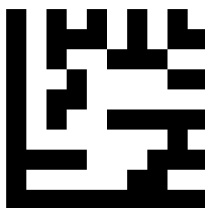
Disable EAN-8 Prefix



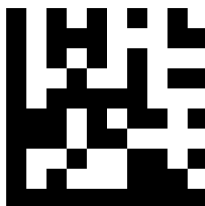


Start Setup

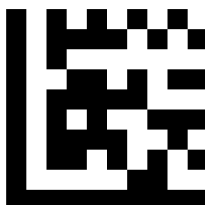
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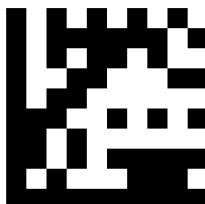
Set EAN-13 Prefix



Disable EAN-13 Prefix



Set Code 128 Prefix



Disable Code 128 Prefix



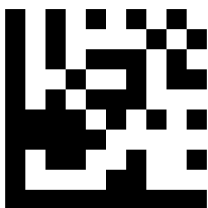
Set Code 39 Prefix



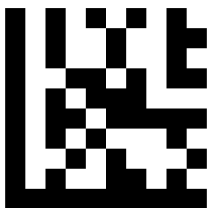


Start Setup

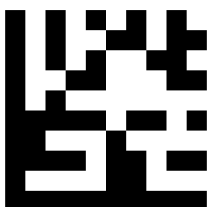
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Disable Code 39 Prefix



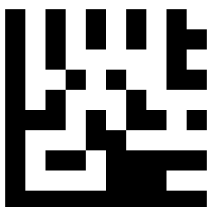
Set Code 93 Prefix



Disable Code 93 Prefix



Set Code 32 Prefix



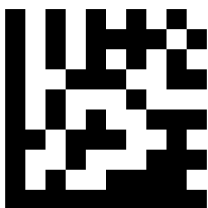
Disable Code 32 Prefix



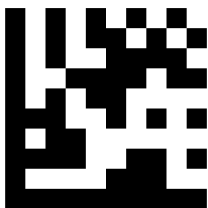


Start Setup

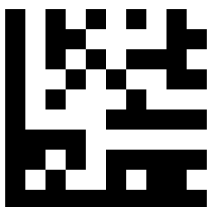
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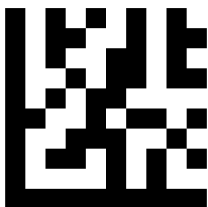
Set Code 11 Prefix



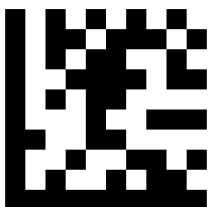
Disable Code 11 Prefix



Set Codabar Prefix



Disable Codabar Prefix



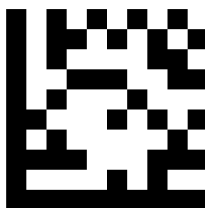
Set Plessey Prefix



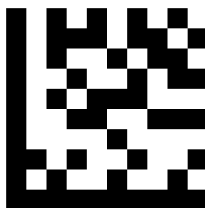


Start Setup

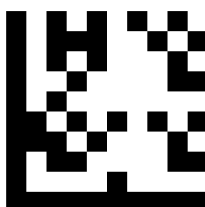
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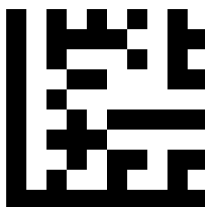
Disable Plessey Prefix



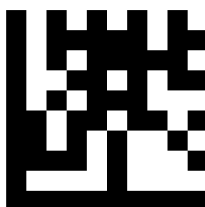
Set MSI Plessey Prefix



Disable MSI Plessey Prefix



Set Interleaved 2 of 5 Prefix



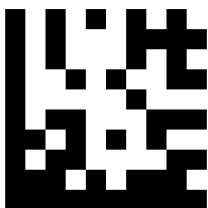
Disable Interleaved 2 of 5 Prefix



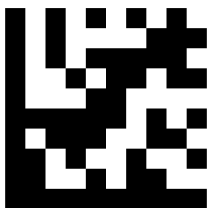


Start Setup

---



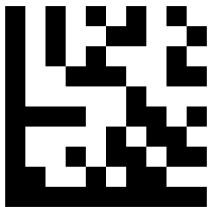
Set IATA 2 of 5 Prefix



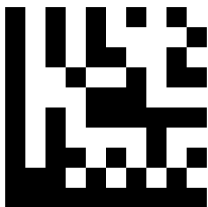
Disable IATA 2 of 5 Prefix



Set Matrix 2 of 5 Prefix



Disable Matrix 2 of 5 Prefix



Set Straight 2 of 5 Prefix



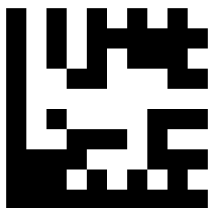


Start Setup

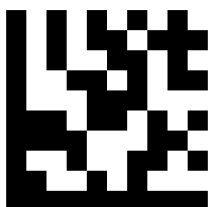
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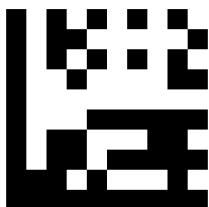
Disable Straight 2 of 5 Prefix



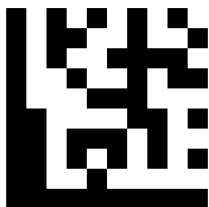
Set Pharmacode Prefix



Disable Pharmacode Prefix



Set GS1 DataBar 14 Prefix



Disable GS1 DataBar 14 Prefix



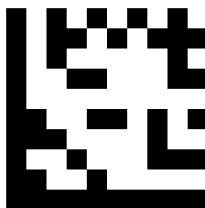


Start Setup

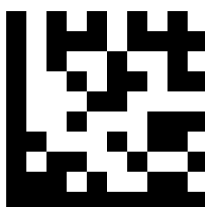
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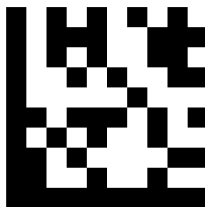
Set GS1 DataBar Expanded Prefix



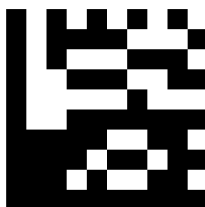
Disable GS1 DataBar Expanded Prefix



Set GS1 DataBar Limited Prefix



Disable GS1 DataBar Limited Prefix



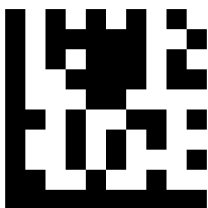
Set Composite Code A Prefix



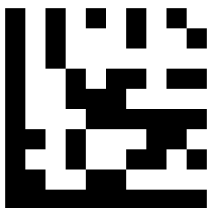


Start Setup

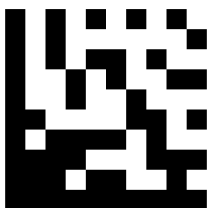
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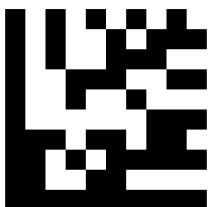
Disable Composite Code A Prefix



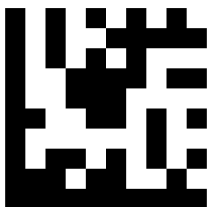
Set Composite Code B Prefix



Disable Composite Code B Prefix



Set Composite Code C Prefix



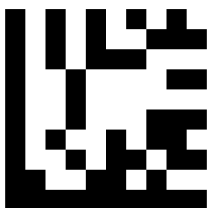
Disable Composite Code C Prefix



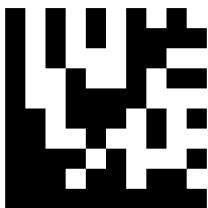


Start Setup

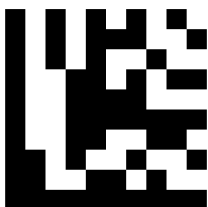
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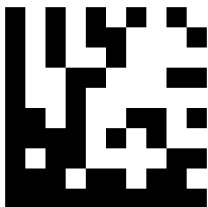
Set PDF417 Prefix



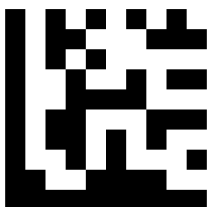
Disable PDF417 Prefix



Set Micro PDF417 Prefix



Disable Micro PDF417 Prefix



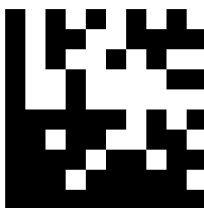
Set Data Matrix Prefix



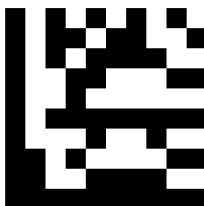


Start Setup

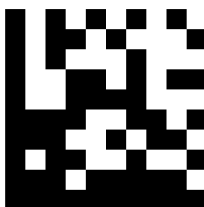
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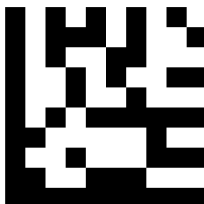
Disable Data Matrix Prefix



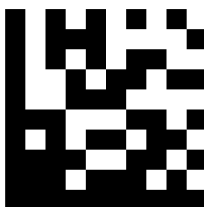
Set QR Code Prefix



Disable QR Code Prefix



Set Micro QR Prefix

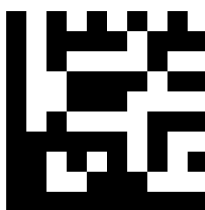


Disable Micro QR Prefix

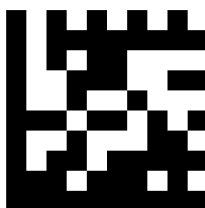




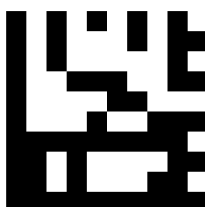
Start Setup



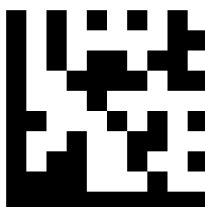
Set Aztec Prefix



Disable Aztec Prefix



Set MaxiCode Prefix



Disable MaxiCode Prefix

## 6.4 Suffix

Add output characters after barcode data. Up to 4 characters can be set.

### Example: Add the character a after all barcode data

1. Scan “Start Setup” .
2. Scan the “Set All SymbolologiesSuffix” setting barcode.
3. Scan the a setting barcode in [ASCII Code Table](#).
4. Scan “End Setup” .



**i Example: Remove the suffix**

1. Scan “Start Setup” .
2. Scan the “Disable All SymbolologiesSuffix” setting barcode.
3. Scan “End Setup” .

**i Example: Add the characters &13 after EAN-13 barcode data**

1. Scan “Start Setup” .
2. Scan the “Set EAN-13 Suffix” setting barcode.
3. Scan the & setting barcode in *ASCII Code Table*.
4. Scan the 1 setting barcode in *ASCII Code Table*.
5. Scan the 3 setting barcode in *ASCII Code Table*.
6. Scan “End Setup” .

**i Example: Remove the EAN-13 suffix**

1. Scan “Start Setup” .
2. Scan the “Disable EAN-13 Suffix” setting barcode.
3. Scan “End Setup” .

**i Note**

The source document does not provide extractable suffix setting barcode images for this section. The suffix options are listed below for now and can be restored to scannable items after the missing images are added.

| Applicable Symbology | Setting Item                   | Disable Item                         |
|----------------------|--------------------------------|--------------------------------------|
| All Symbologies      | Set Suffix for All Symbologies | * Disable Suffix for All Symbologies |
| UPC-A                | Set UPC-A Suffix               | Disable UPC-A Suffix                 |
| UPC-E                | Set UPC-E Suffix               | Disable UPC-E Suffix                 |
| EAN-8                | Set EAN-8 Suffix               | Disable EAN-8 Suffix                 |
| EAN-13               | Set EAN-13 Suffix              | Disable EAN-13 Suffix                |
| Code 128             | Set Code 128 Suffix            | Disable Code 128 Suffix              |
| Code 39              | Set Code 39 Suffix             | Disable Code 39 Suffix               |
| Code 93              | Set Code 93 Suffix             | Disable Code 93 Suffix               |
| Code 32              | Set Code 32 Suffix             | Disable Code 32 Suffix               |

continues on next page





Table 2 – continued from previous page

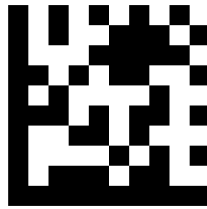
| Applicable Symbology | Setting Item                    | Disable Item                        |
|----------------------|---------------------------------|-------------------------------------|
| Code 11              | Set Code 11 Suffix              | Disable Code 11 Suffix              |
| Codabar              | Set Codabar Suffix              | Disable Codabar Suffix              |
| Plessey              | Set Plessey Suffix              | Disable Plessey Suffix              |
| MSI Plessey          | Set MSI Plessey Suffix          | Disable MSI Plessey Suffix          |
| Interleaved 2 of 5   | Set Interleaved 2 of 5 Suffix   | Disable Interleaved 2 of 5 Suffix   |
| IATA 2 of 5          | Set IATA 2 of 5 Suffix          | Disable IATA 2 of 5 Suffix          |
| Matrix 2 of 5        | Set Matrix 2 of 5 Suffix        | Disable Matrix 2 of 5 Suffix        |
| Straight 2 of 5      | Set Straight 2 of 5 Suffix      | Disable Straight 2 of 5 Suffix      |
| Pharmacode           | Set Pharmacode Suffix           | Disable Pharmacode Suffix           |
| GS1 DataBar 14       | Set GS1 DataBar 14 Suffix       | Disable GS1 DataBar 14 Suffix       |
| GS1 DataBar Expanded | Set GS1 DataBar Expanded Suffix | Disable GS1 DataBar Expanded Suffix |
| GS1 DataBar Limited  | Set GS1 DataBar Limited Suffix  | Disable GS1 DataBar Limited Suffix  |
| Composite Code A     | Set Composite Code A Suffix     | Disable Composite Code A Suffix     |
| Composite Code B     | Set Composite Code B Suffix     | Disable Composite Code B Suffix     |
| Composite Code C     | Set Composite Code C Suffix     | Disable Composite Code C Suffix     |
| PDF417               | Set PDF417 Suffix               | Disable PDF417 Suffix               |
| Micro PDF417         | Set Micro PDF417 Suffix         | Disable Micro PDF417 Suffix         |
| Data Matrix          | Set Data Matrix Suffix          | Disable Data Matrix Suffix          |
| QR Code              | Set QR Code Suffix              | Disable QR Code Suffix              |
| Micro QR             | Set Micro QR Suffix             | Disable Micro QR Suffix             |
| Aztec                | Set Aztec Suffix                | Disable Aztec Suffix                |
| MaxiCode             | Set MaxiCode Suffix             | Disable MaxiCode Suffix             |

## 6.5 Barcode Identifier

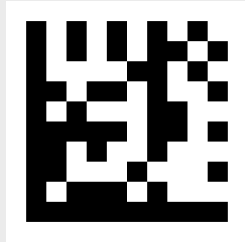
### Important

For this procedure, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

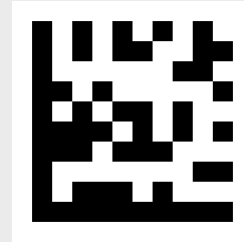




\* Disable Barcode Identifier



Enable AIM Barcode Identifier



Enable NETUM Barcode Identifier

## Barcode Identifier Table

| Symbology            | NETUM | AIM |
|----------------------|-------|-----|
| UPC-A                | A     | E   |
| UPC-E                | E     | E   |
| EAN-8                | FF    | E   |
| EAN-13               | F     | E   |
| Code 128             | K     | C   |
| Code 39              | M     | A   |
| Code 93              | L     | G   |
| Code 32              | M     | A   |
| Code 11              | O     | H   |
| Codabar              | N     | F   |
| Plessey              | P     | P   |
| MSI / Plessey        | a     | M   |
| Interleaved 2 of 5   | I     | I   |
| IATA 2 of 5          | Z     | R   |
| Matrix 2 of 5        | G     | X   |
| Straight 2 of 5      | S     | S   |
| Pharmacode           | H     | X   |
| GS1 DataBar 14       | RS    | e   |
| GS1 DataBar Expanded | RX    | e   |
| GS1 DataBar Limited  | RL    | e   |
| Composite CC-A       | m     | e   |
| Composite CC-B       | n     | e   |
| Composite CC-C       | i     | e   |
| PDF417               | r     | L   |
| Micro PDF417         | s     | L   |
| Data Matrix          | t     | d   |

continues on next page

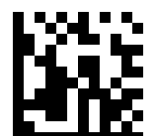




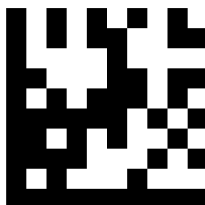
Table 3 – continued from previous page

| Symbology | NETUM | AIM |
|-----------|-------|-----|
| QR Code   | u     | Q   |
| Micro QR  | j     | Q   |
| Aztec     | e     | Z   |
| MaxiCode  | v     | U   |

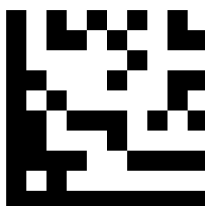
## 6.6 Terminator

### Important

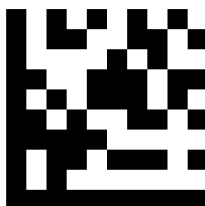
For this procedure, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.



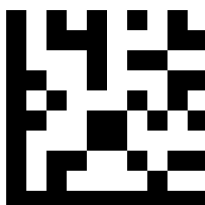
none



\* Carriage Return / CR



CR / LF



TAB





## 7 Barcode Settings

### Important

On this page, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

### 7.1 Supported Symbolologies

| Symbolology                  | Status   |
|------------------------------|----------|
| UPC-A                        | * Enable |
| UPC-E                        | * Enable |
| EAN-8                        | * Enable |
| EAN-13                       | * Enable |
| Code 128 / GS1-128           | * Enable |
| Code 39                      | * Enable |
| Code 93                      | * Enable |
| Code 32                      | Disable  |
| Code 11                      | Disable  |
| Codabar                      | * Enable |
| Plessey                      | Disable  |
| MSI Plessey                  | * Enable |
| Interleaved 2 of 5           | * Enable |
| IATA 2 of 5                  | Disable  |
| Matrix 2 of 5                | Disable  |
| Straight 2 of 5              | Disable  |
| Pharmacode                   | Disable  |
| GS1 DataBar 14               | * Enable |
| GS1 DataBar 14 Stacked       | Disable  |
| GS1 DataBar Expanded         | * Enable |
| GS1 DataBar Expanded Stacked | Disable  |
| GS1 DataBar Limited          | * Enable |
| Composite Code-A             | Disable  |
| Composite Code-B             | Disable  |
| Composite Code-C             | Disable  |
| PDF417                       | * Enable |
| MicroPDF417                  | * Enable |
| Data Matrix                  | * Enable |
| QR Code                      | * Enable |
| Micro QR                     | * Enable |
| Aztec                        | Disable  |
| MaxiCode                     | Disable  |

### 7.2 General Symbology Switches



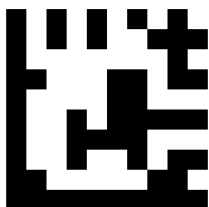


Start Setup

### **Important**

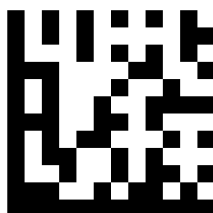
For settings in this group, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

## **Enable All Barcodes**



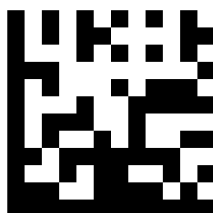
Enable All Barcodes

## **Enable 1D Barcodes Only**



Enable 1D Barcodes Only

## **Enable 2D Barcodes Only**



Enable 2D Barcodes Only

## **7.3 1D Symbology Settings**

### **Important**

For settings in this group, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

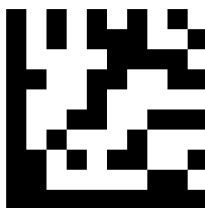
## **UPC-A**





Start Setup

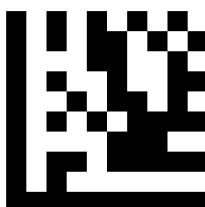
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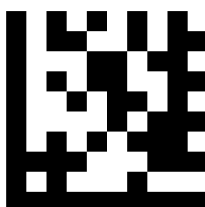
\* Enable UPC-A



Disable UPC-A



\* Transmit Leading Digit



Do Not Transmit Leading Digit



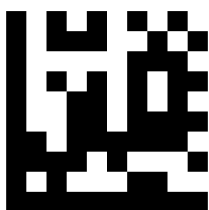
\* Enable Check Digit



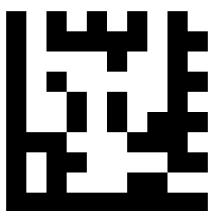


Start Setup

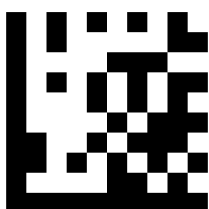
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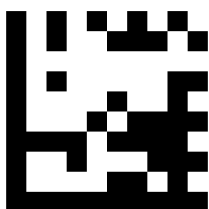
Disable Check Digit



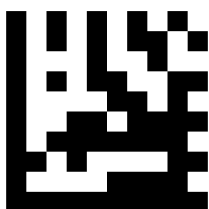
Enable EAN-13 Conversion



\* Disable EAN-13 Conversion



Enable UPC-A 2/5-digit Addenda



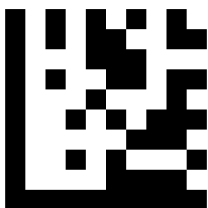
\* Disable UPC-A 2/5-digit Addenda



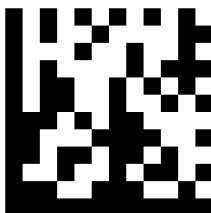


Start Setup

---

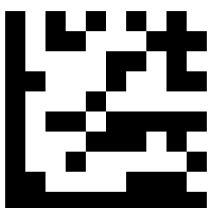


Read Only UPC-A 2/5-digit Addenda

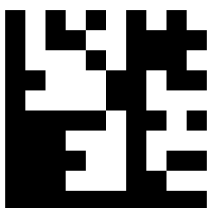


\* Read UPC-A and UPC-A 2/5-digit Addenda

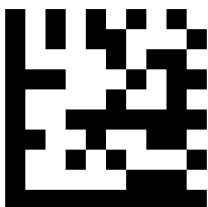
## UPC-E



\* Enable UPC-E



Disable UPC-A



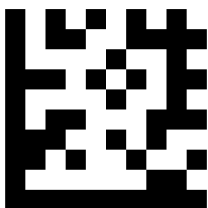
\* Transmit Leading Digit



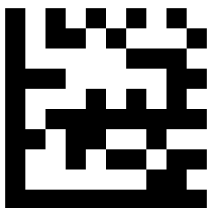


Start Setup

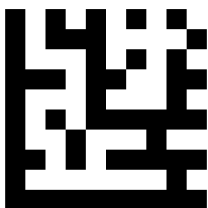
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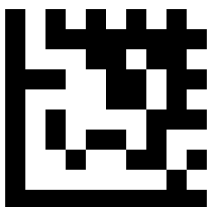
Do Not Transmit Leading Digit



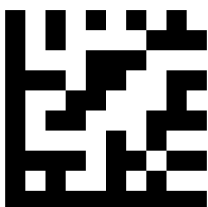
\* Enable Check Digit



Disable Check Digit



Enable UPC-A Conversion



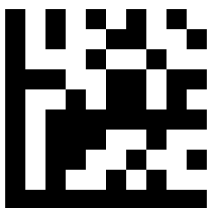
\* Disable UPC-A Conversion



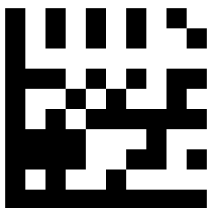


Start Setup

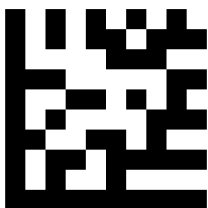
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Enable UPC-E 2/5-digit Addenda



\* Disable UPC-E 2/5-digit Addenda

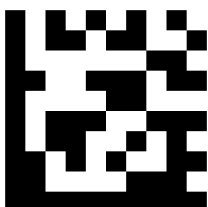


Read Only UPC-E 2/5-digit Addenda



\* Read UPC-E and UPC-E 2/5-digit Addenda

## EAN-8



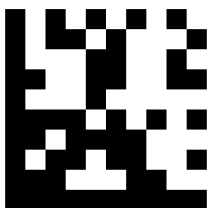
\* Enable EAN-8



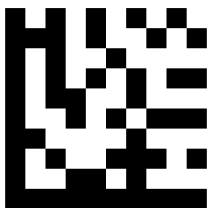


Start Setup

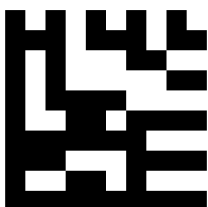
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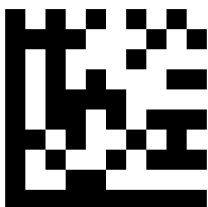
Disable EAN-8



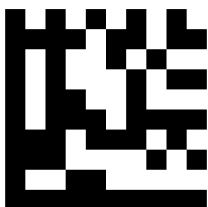
\* Transmit Check Digit



Do Not Transmit Check Digit



Enable EAN-13 Conversion



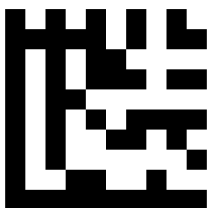
\* Disable EAN-13 Conversion



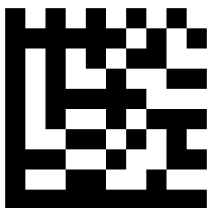


Start Setup

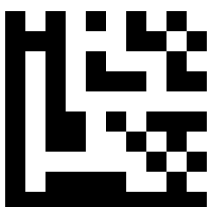
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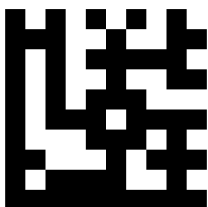
Enable EAN-8 2/5-digit Addenda



\* Disable EAN-8 2/5-digit Addenda

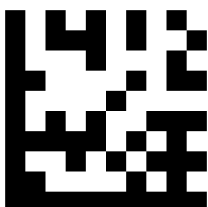


Read Only EAN-8 2/5-digit Addenda



\* Read EAN-8 and EAN-8 2/5-digit Addenda

## EAN-13



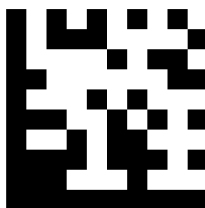
\* Enable EAN-13



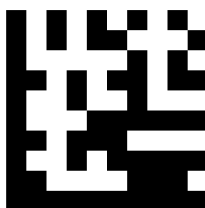


Start Setup

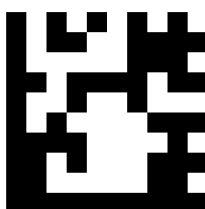
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Disable EAN-13



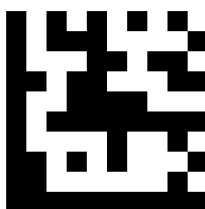
\* Transmit Check Digit



Do Not Transmit Check Digit



Enable ISBN Conversion



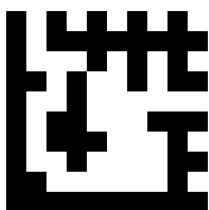
\* Disable ISBN Conversion



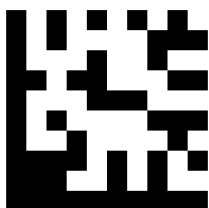


Start Setup

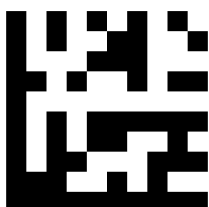
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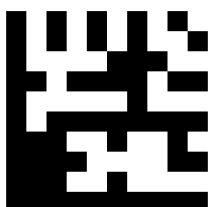
Enable ISSN Conversion



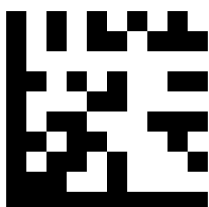
\* Disable ISSN Conversion



Enable EAN-13 2/5-digit Addenda



\* Disable EAN-13 2/5-digit Addenda

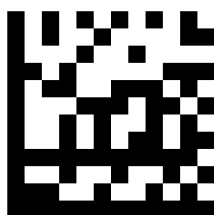


Read Only EAN-13 2/5-digit Addenda



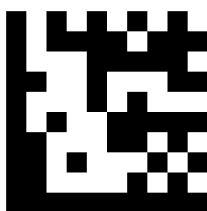


Start Setup

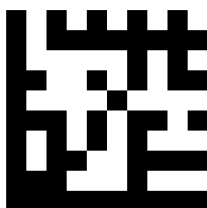


\* Read EAN-13 and EAN-13 2/5-digit Addenda

## Code 128 / GS1-128

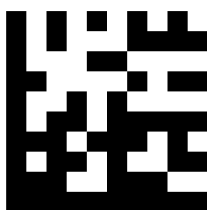


\* Enable Code 128 / GS1-128

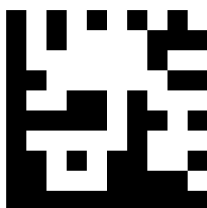


Disable Code 128 / GS1-128

## Code 39



\* Enable Code 39



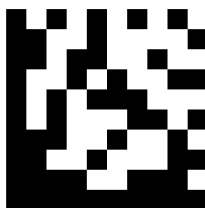
Disable Code 39



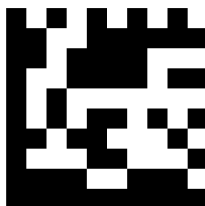


Start Setup

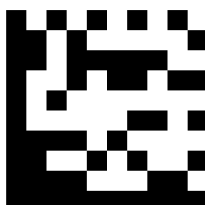
---



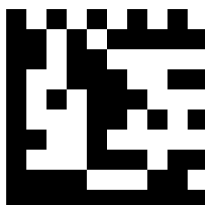
Enable Code 39 Full ASCII Function



\* Disable Code 39 Full ASCII Function



Transmit Start/Stop Characters

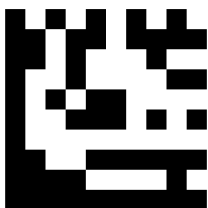


\* Do Not Transmit Start/Stop Characters

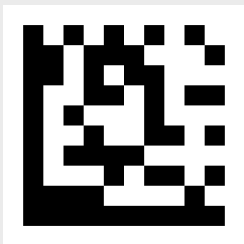




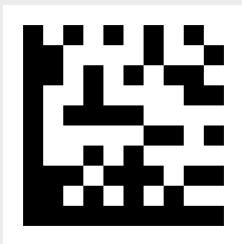
Start Setup



\* No Verification

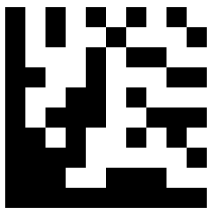


Verify and Transmit

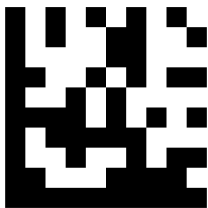


Verify Without Transmitting

Code 93

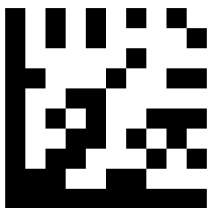


Enable Code 93



\* Disable Code 93

Code 32

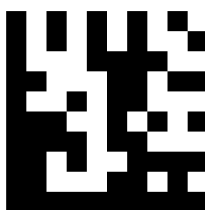


Enable Code 32



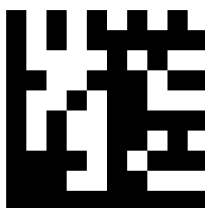


Start Setup

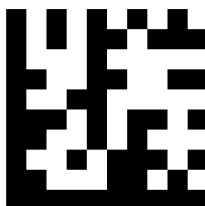


\* Disable Code 32

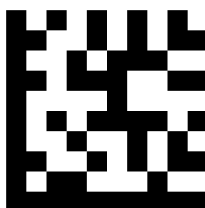
## Code 11



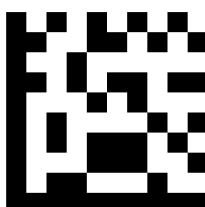
Enable Code 11



\* Disable Code 11



\* Transmit Check Digit

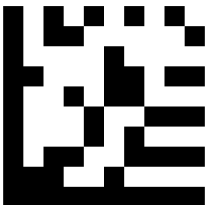


Do Not Transmit Check Digit

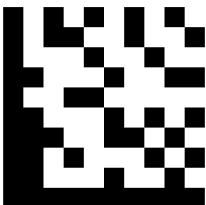




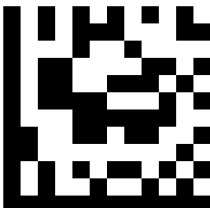
Codabar



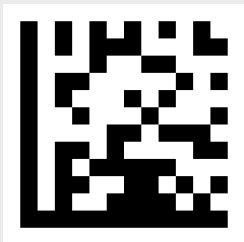
\* Enable Codabar



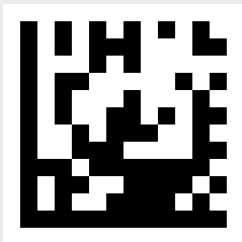
Disable Codabar



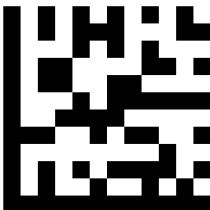
\* No Verification



Verify and Transmit



Verify Without Transmitting

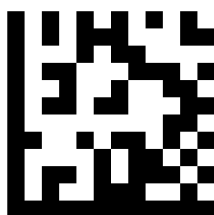


Transmit Start/Stop Characters



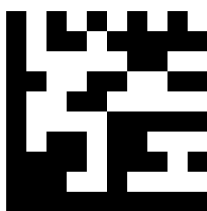


Start Setup

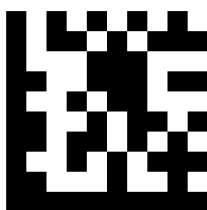


\* Do Not Transmit Start/Stop Characters

## Plessey

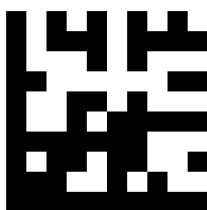


Enable Plessey

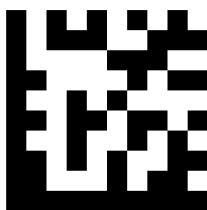


\* Disable Plessey

## MSI Plessey



\* Enable MSI Plessey



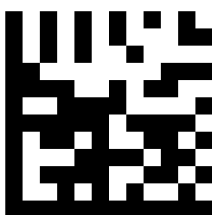
Disable MSI Plessey



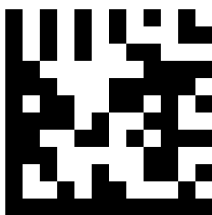


Start Setup

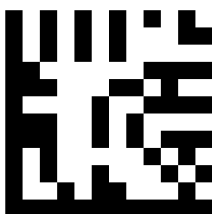
---



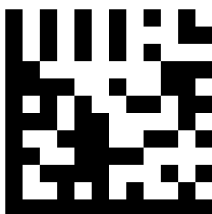
No Verification



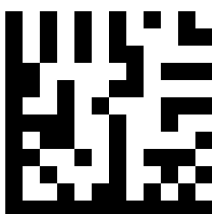
\* Mod 10 Verification



Mod 10/10 Verification



Mod 11/10 Verification

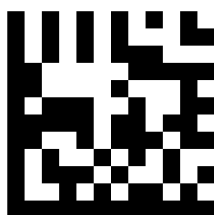


\* Transmit Check Digit



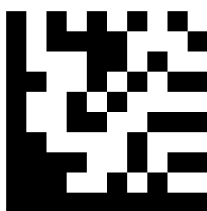


Start Setup

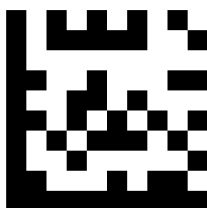


Do Not Transmit Check Digit

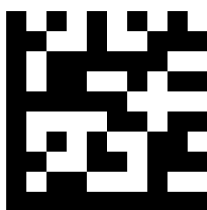
## Interleaved 2 of 5



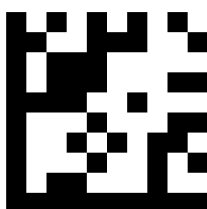
\* Enable Interleaved 2 of 5



Disable Interleaved 2 of 5



\* No Verification



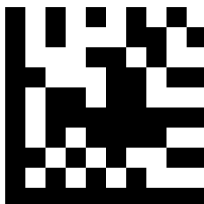
Verify and Transmit



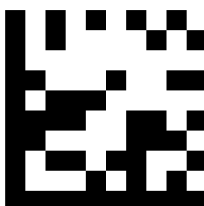


Start Setup

## IATA 2 of 5

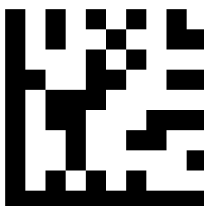


Enable IATA 2 of 5

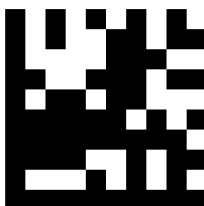


\* Disable IATA 2 of 5

## Matrix 2 of 5



Enable Matrix 2 of 5



\* Disable Matrix 2 of 5

## Straight 2 of 5

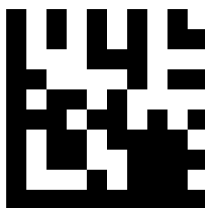


Enable Straight 2 of 5



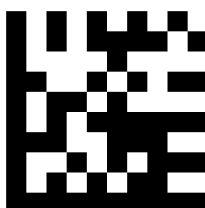


Start Setup

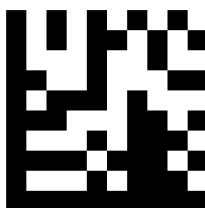


\* Disable Straight 2 of 5

## Pharmacode

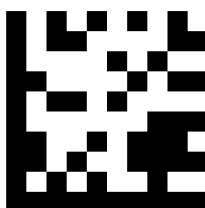


Enable Pharmacode

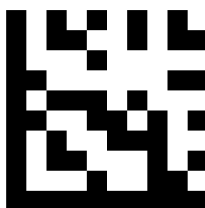


\* Disable Pharmacode

## GS1 DataBar 14



\* Enable GS1 DataBar 14



Disable GS1 DataBar 14



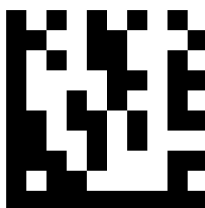


Start Setup

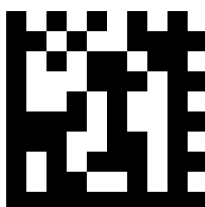
---



Enable GS1 DataBar 14 Stacked



\* Disable GS1 DataBar 14 Stacked

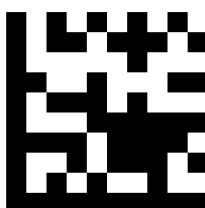


\* Output AI (01) Characters



Do Not Output AI (01) Characters

## GS1 DataBar Expanded



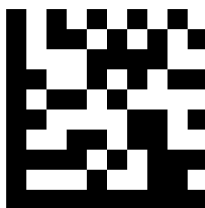
\* Enable GS1 DataBar Expanded



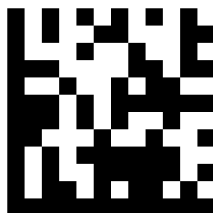


Start Setup

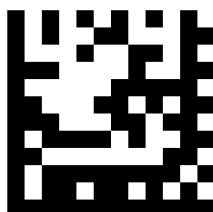
---



Disable GS1 DataBar Expanded



Enable GS1 DataBar Expanded Stacked



\* Disable GS1 DataBar Expanded Stacked



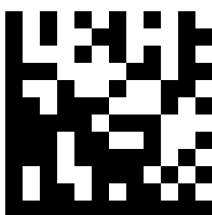
\* Output AI (01) Characters





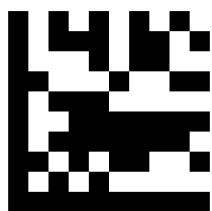
Start Setup

---

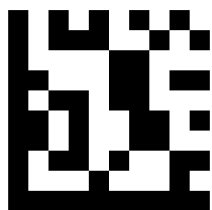


Do Not Output AI (01) Characters

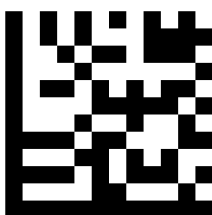
## GS1 DataBar Limited



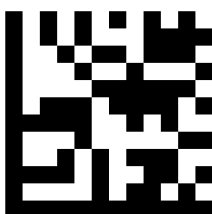
\* Enable GS1 DataBar Limited



Disable GS1 DataBar Limited



\* Output AI (01) Characters



Do Not Output AI (01) Characters





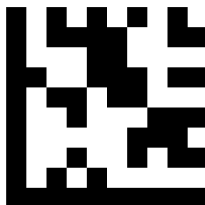
Start Setup

## 7.4 2D and Composite Code Settings

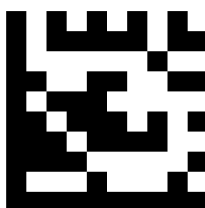
### Important

For settings in this group, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

### Composite Code-A

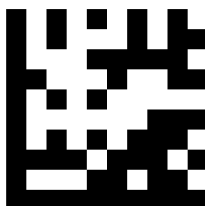


Enable Composite Code-A

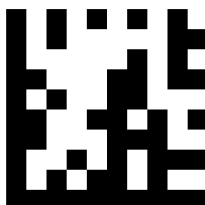


\* Disable Composite Code-A

### Composite Code-B



Enable Composite Code-B



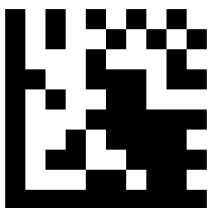
\* Disable Composite Code-B



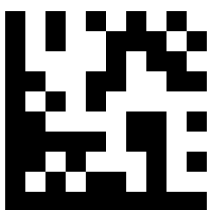


Start Setup

## Composite Code-C

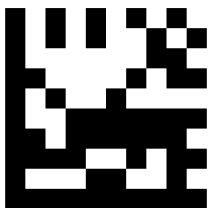


Enable Composite Code-C

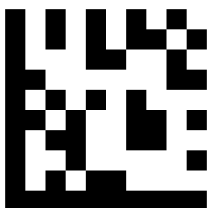


\* Disable Composite Code-C

## PDF417



\* Enable PDF417



Disable PDF417

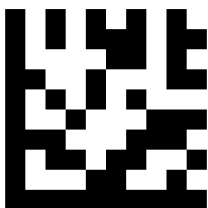
## Micro PDF417



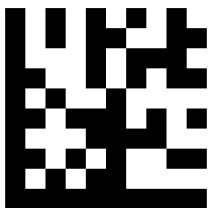


Start Setup

---

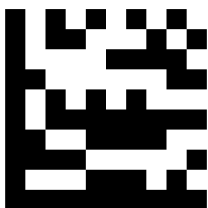


\* Enable MicroPDF417

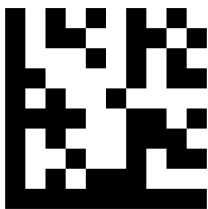


Disable Micro PDF417

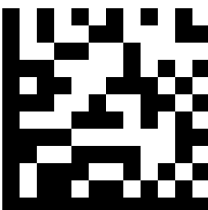
## Data Matrix



\* Enable Data Matrix



Disable Data Matrix



\* Enable Mirror Decode



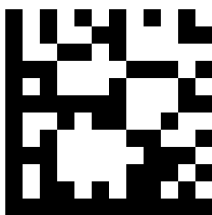


Start Setup

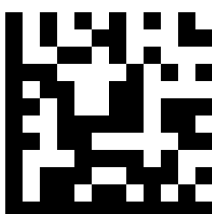
---



Disable Mirror Decode

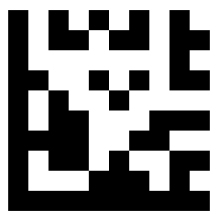


\* Enable Rectangular Data Matrix

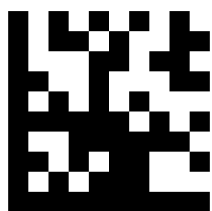


Disable Rectangular Data Matrix

## QR Code



\* Enable QR Code



Disable QR Code



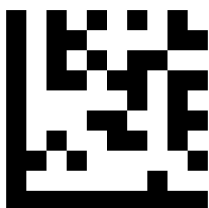


Start Setup

---

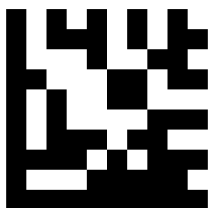


\* Enable Mirror Decode

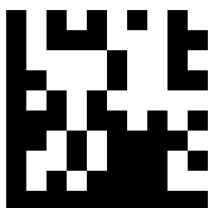


Disable Mirror Decode

## Micro QR

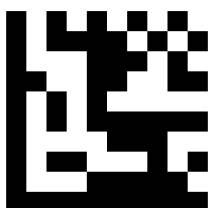


\* Enable Micro QR



Disable Micro QR

## Aztec



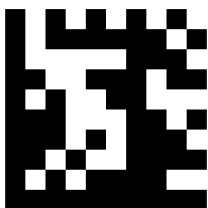
Enable Aztec



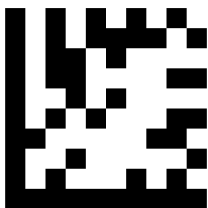


Start Setup

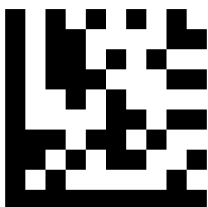
---



\* Disable Aztec

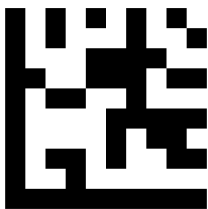


\* Enable Mirror Decode

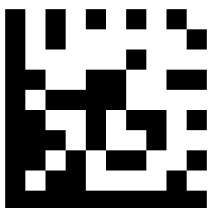


Disable Mirror Decode

## MaxiCode



Enable MaxiCode



\* Disable MaxiCode





## 7.5 Decode Length Settings

### Important

For settings in this group, perform settings in the order: Start Setup -> Function Setting Barcode -> End Setup.

The following settings limit the readable length for each symbology; Code 128 is used as the example.

### Restrict to a Single Length

Restrict reading to barcodes of a single length. For example, set Code 128 to read only barcodes with a length of 14 characters.

#### Example

1. Scan “Start Setup” .
2. Scan the Code 128 “Restrict to a Single Length” setting barcode.
3. Scan the 1 setting barcode in *ASCII Code Table*.
4. Scan the 4 setting barcode in *ASCII Code Table*.
5. Scan “End Setup” .

### Restrict to Two Different Lengths

Restrict reading to barcodes of two different lengths. For example, set Code 128 to read barcodes with lengths of 2 and 14 characters.

#### Example

1. Scan “Start Setup” .
2. Scan the Code 128 “Restrict to Two Different Lengths” setting barcode.
3. Scan the 0 setting barcode in *ASCII Code Table*.
4. Scan the 2 setting barcode in *ASCII Code Table*.
5. Scan the 1 setting barcode in *ASCII Code Table*.
6. Scan the 4 setting barcode in *ASCII Code Table*.
7. Scan “End Setup” .

### Restrict to a Length Range

Restrict reading to barcodes within a length range. For example, set Code 128 to read barcodes with lengths from 08~14 characters.





Start Setup

### Example

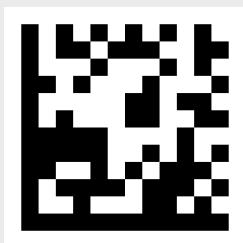
1. Scan “Start Setup” .
2. Scan the Code 128 “Restrict to a Length Range” setting barcode.
3. Scan the 0 setting barcode in *ASCII Code Table*.
4. Scan the 8 setting barcode in *ASCII Code Table*.
5. Scan the 1 setting barcode in *ASCII Code Table*.
6. Scan the 4 setting barcode in *ASCII Code Table*.
7. Scan “End Setup” .

## any length

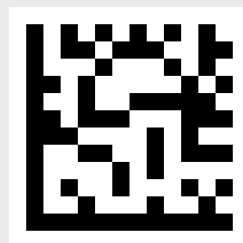
### Example

1. Scan “Start Setup” .
2. Scan the Code 128 “Any Length” setting barcode.
3. Scan “End Setup” .

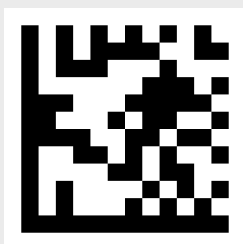
## Code 128



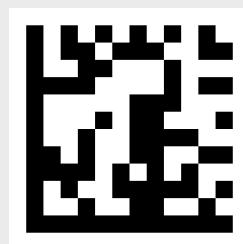
Restrict to a Single Length



Restrict to Two Different Lengths



Restrict to a Length Range



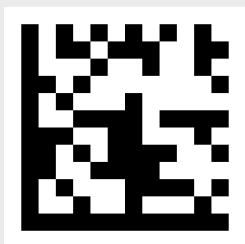
\* Any Length



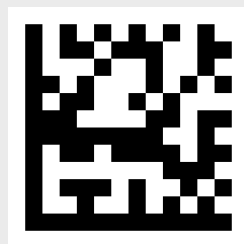


Start Setup

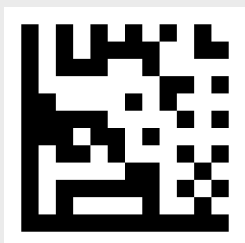
## Code 39



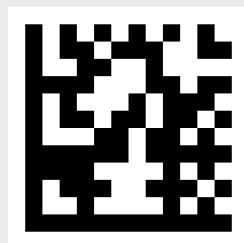
Restrict to a Single Length



Restrict to Two Different Lengths

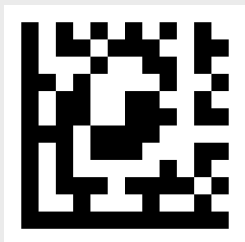


Restrict to a Length Range

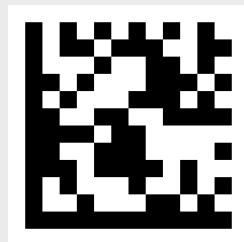


\* Any Length

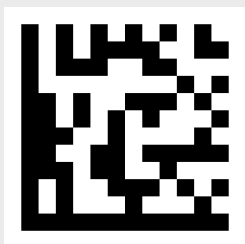
## Code 93



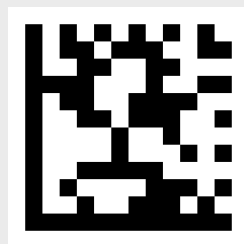
Restrict to a Single Length



Restrict to Two Different Lengths



Restrict to a Length Range



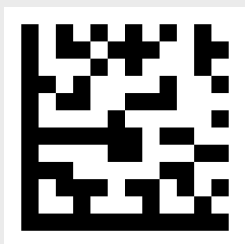
\* Any Length



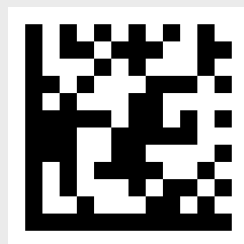


Start Setup

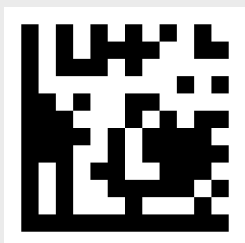
## Codabar



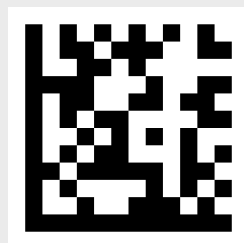
Restrict to a Single Length



Restrict to Two Different Lengths

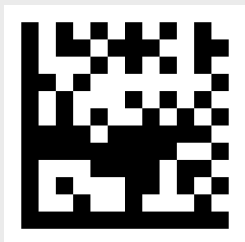


Restrict to a Length Range

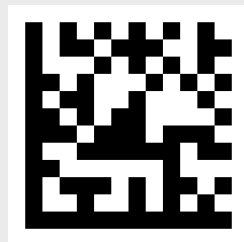


\* Any Length

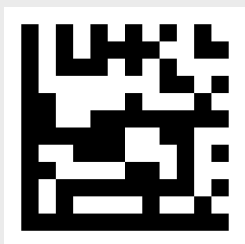
## Interleaved 2 of 5



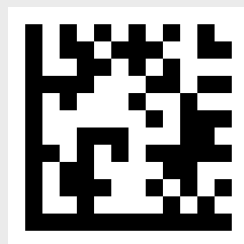
Restrict to a Single Length



Restrict to Two Different Lengths



Restrict to a Length Range



\* Any Length



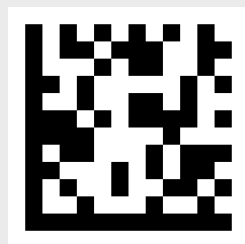


Start Setup

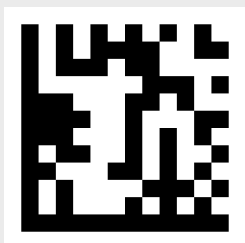
## Code 11



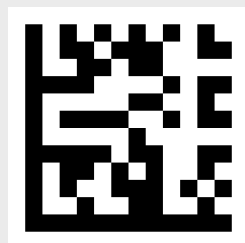
Restrict to a Single Length



Restrict to Two Different Lengths



Restrict to a Length Range

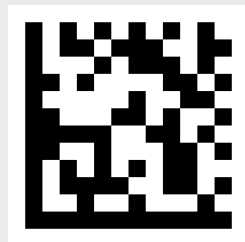


\* Any Length

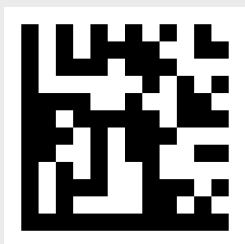
## MSI Plessey



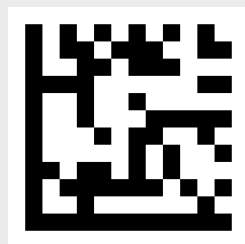
Restrict to a Single Length



Restrict to Two Different Lengths



Restrict to a Length Range



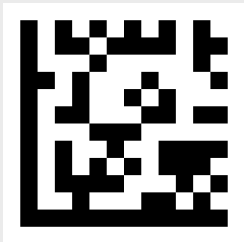
\* Any Length



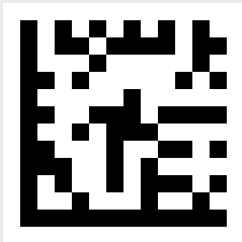


Start Setup

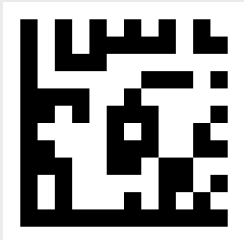
Matrix 2 of 5



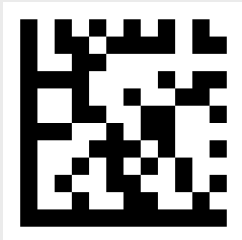
Restrict to a Single Length



Restrict to Two Different Lengths



Restrict to a Length Range



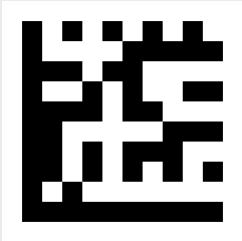
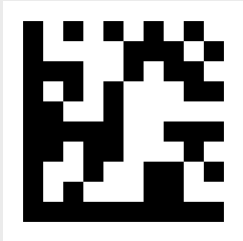
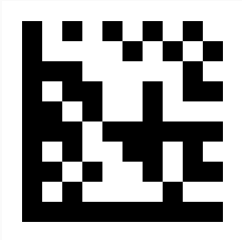
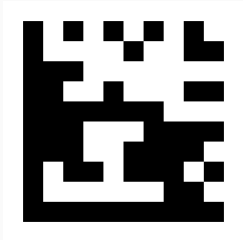
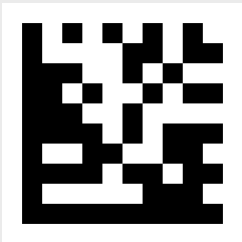
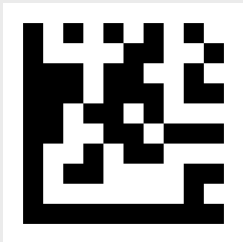
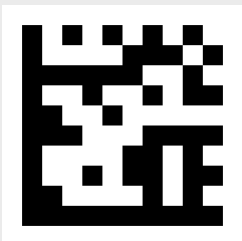
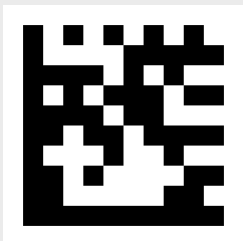
\* Any Length





# 8 Appendix

## 8.1 Decimal Digits

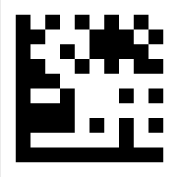
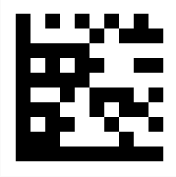
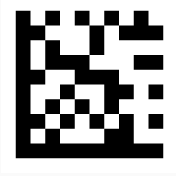
| Digit | Setting Barcode                                                                     | Digit | Setting Barcode                                                                       |
|-------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
| 0     |    | 1     |    |
| 2     |    | 3     |    |
| 4     |  | 5     |  |
| 6     |  | 7     |  |
| 8     |  | 9     |  |





## 8.2 ASCII Code Table

### Control Characters (Function Key Mapping)

| Hex | Dec | ASCII                                                                               | Ctrl Char Mode | Alt + Unicode Mode |
|-----|-----|-------------------------------------------------------------------------------------|----------------|--------------------|
| 00  | 0   | Null                                                                                | Ctrl+@         | Alt + 000          |
| 01  | 1   | Home                                                                                | Ctrl+A         | Alt + 001          |
| 02  | 2   | End                                                                                 | Ctrl+B         | Alt + 002          |
| 03  | 3   | Up Arrow                                                                            | Ctrl+C         | Alt + 003          |
| 04  | 4   | Down Arrow                                                                          | Ctrl+D         | Alt + 004          |
| 05  | 5   | Left Arrow                                                                          | Ctrl+E         | Alt + 005          |
| 06  | 6   | Right Arrow                                                                         | Ctrl+F         | Alt + 006          |
| 07  | 7   | Null                                                                                | Ctrl+G         | Alt + 007          |
| 08  | 8   |    | Backspace      | Alt + 008          |
| 09  | 9   |   | TAB            | Alt + 009          |
| 0A  | 10  | Null                                                                                | Ctrl+J         | Alt + 010          |
| 0B  | 11  | Null                                                                                | Ctrl+K         | Alt + 011          |
| 0C  | 12  | Null                                                                                | Ctrl+L         | Alt + 012          |
| 0D  | 13  |  | Enter          | Enter              |
| 0E  | 14  | Page Up                                                                             | Ctrl+N         | Alt + 014          |
| 0F  | 15  | Page Down                                                                           | Ctrl+O         | Alt + 015          |
| 10  | 16  | F11                                                                                 | Ctrl+P         | Alt + 016          |
| 11  | 17  | Null                                                                                | Ctrl+Q         | Alt + 017          |
| 12  | 18  | Null                                                                                | Ctrl+R         | Alt + 018          |
| 13  | 19  | Null                                                                                | Ctrl+S         | Alt + 019          |
| 14  | 20  | Null                                                                                | Ctrl+T         | Alt + 020          |
| 15  | 21  | F12                                                                                 | Ctrl+U         | Alt + 021          |
| 16  | 22  | F1                                                                                  | Ctrl+V         | Alt + 022          |
| 17  | 23  | F2                                                                                  | Ctrl+W         | Alt + 023          |
| 18  | 24  | F3                                                                                  | Ctrl+X         | Alt + 024          |
| 19  | 25  | F4                                                                                  | Ctrl+Y         | Alt + 025          |
| 1A  | 26  | F5                                                                                  | Ctrl+Z         | Alt + 026          |
| 1B  | 27  | F6                                                                                  | Ctrl+[         | Alt + 027          |

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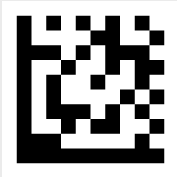
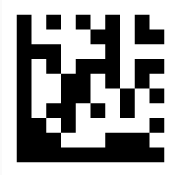
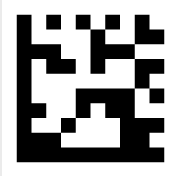
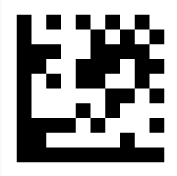
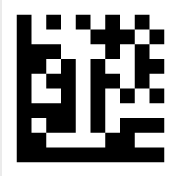
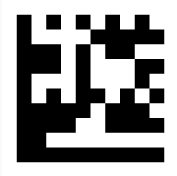




Table 5 – continued from previous page

| Hex | Dec | ASCII | Ctrl Char Mode | Alt + Unicode Mode |
|-----|-----|-------|----------------|--------------------|
| 1C  | 28  | F7    | Ctrl+\         | Alt + 028          |
| 1D  | 29  | F8    | Ctrl+]         | Alt + 029          |
| 1E  | 30  | F9    | Ctrl+^         | Alt + 030          |
| 1F  | 31  | F10   | Ctrl+_         | Alt + 031          |

**Printable Characters and Delete**

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 20  | 32  | SPACE |    |
| 21  | 33  | !     |   |
| 22  | 34  | "     |  |
| 23  | 35  | #     |  |
| 24  | 36  | \$    |  |
| 25  | 37  | %     |  |

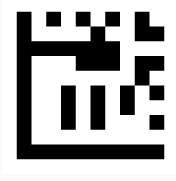
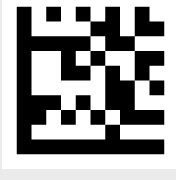
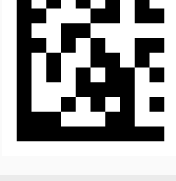
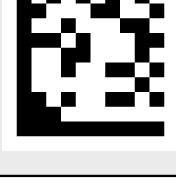
continues on next page





Start Setup

Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 26  | 38  | &     |    |
| 27  | 39  | '     |    |
| 28  | 40  | (     |    |
| 29  | 41  | )     |  |
| 2A  | 42  | *     |  |
| 2B  | 43  | +     |  |
| 2C  | 44  | ,     |  |

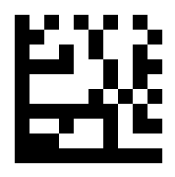
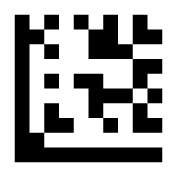
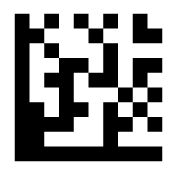
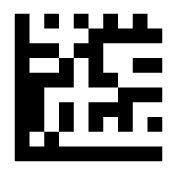
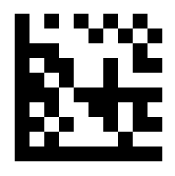
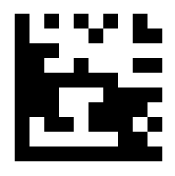
continues on next page





Start Setup

Table 6 – continued from previous page

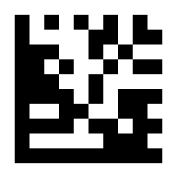
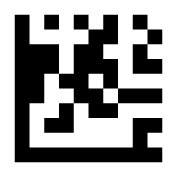
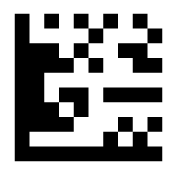
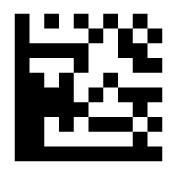
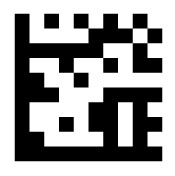
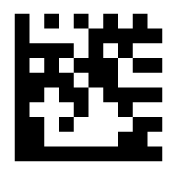
| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 2D  | 45  | –     |    |
| 2E  | 46  | .     |    |
| 2F  | 47  | /     |    |
| 30  | 48  | 0     |  |
| 31  | 49  | 1     |  |
| 32  | 50  | 2     |  |
| 33  | 51  | 3     |  |

continues on next page





Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 34  | 52  | 4     |    |
| 35  | 53  | 5     |    |
| 36  | 54  | 6     |    |
| 37  | 55  | 7     |  |
| 38  | 56  | 8     |  |
| 39  | 57  | 9     |  |
| 3A  | 58  | :     |  |

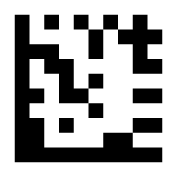
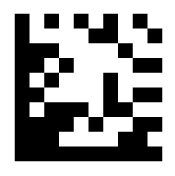
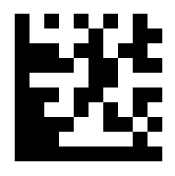
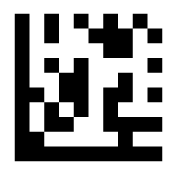
continues on next page





Start Setup

Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 3B  | 59  | ;     |    |
| 3C  | 60  | <     |    |
| 3D  | 61  | =     |    |
| 3E  | 62  | >     |  |
| 3F  | 63  | ?     |  |
| 40  | 64  | @     |  |
| 41  | 65  | A     |  |

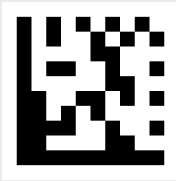
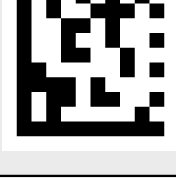
continues on next page





Start Setup

Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 42  | 66  | B     |    |
| 43  | 67  | C     |    |
| 44  | 68  | D     |    |
| 45  | 69  | E     |  |
| 46  | 70  | F     |  |
| 47  | 71  | G     |  |
| 48  | 72  | H     |  |

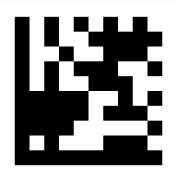
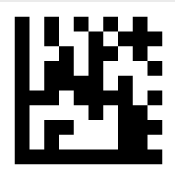
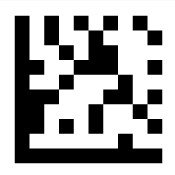
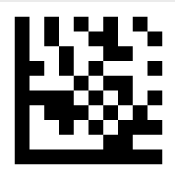
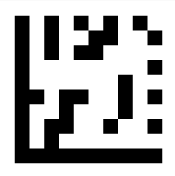
continues on next page





Start Setup

Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 49  | 73  | I     |    |
| 4A  | 74  | J     |    |
| 4B  | 75  | K     |    |
| 4C  | 76  | L     |  |
| 4D  | 77  | M     |  |
| 4E  | 78  | N     |  |
| 4F  | 79  | O     |  |

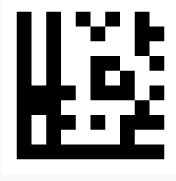
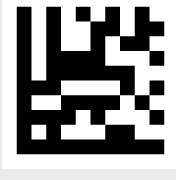
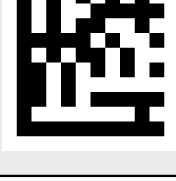
continues on next page





Start Setup

Table 6 – continued from previous page

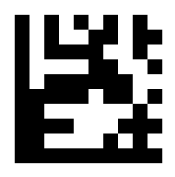
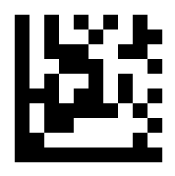
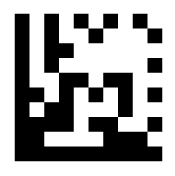
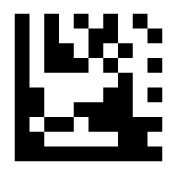
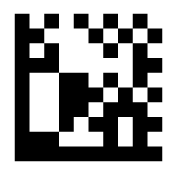
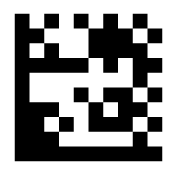
| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 50  | 80  | P     |    |
| 51  | 81  | Q     |    |
| 52  | 82  | R     |    |
| 53  | 83  | S     |  |
| 54  | 84  | T     |  |
| 55  | 85  | U     |  |
| 56  | 86  | V     |  |

continues on next page





Table 6 – continued from previous page

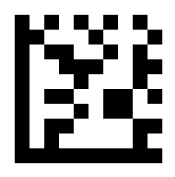
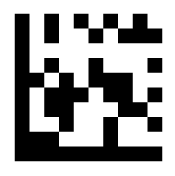
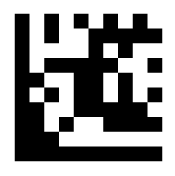
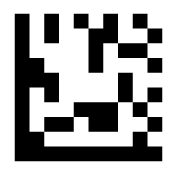
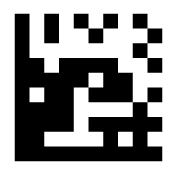
| Hex | Dec | ASCII | Setting Barcode                                                                            |
|-----|-----|-------|--------------------------------------------------------------------------------------------|
| 57  | 87  | W     |          |
| 58  | 88  | X     |          |
| 59  | 89  | Y     |          |
| 5A  | 90  | Z     |        |
| 5B  | 91  | [     |        |
| 5C  | 92  | \     |        |
| 5D  | 93  | ]     |  |

continues on next page





Table 6 – continued from previous page

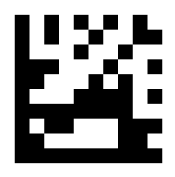
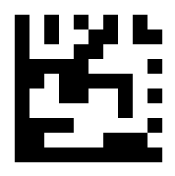
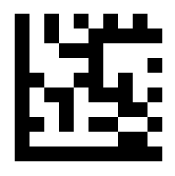
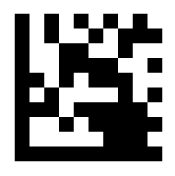
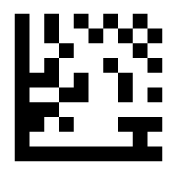
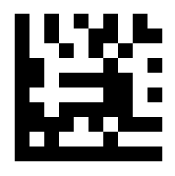
| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 5E  | 94  | ^     |    |
| 5F  | 95  | _     |    |
| 60  | 96  | `     |    |
| 61  | 97  | a     |  |
| 62  | 98  | b     |  |
| 63  | 99  | c     |  |
| 64  | 100 | d     |  |

continues on next page





Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 65  | 101 | e     |    |
| 66  | 102 | f     |    |
| 67  | 103 | g     |    |
| 68  | 104 | h     |  |
| 69  | 105 | i     |  |
| 6A  | 106 | j     |  |
| 6B  | 107 | k     |  |

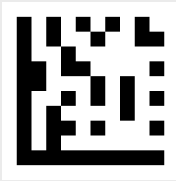
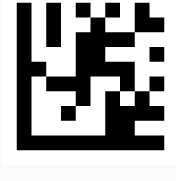
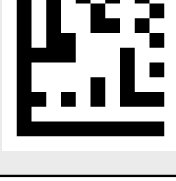
continues on next page





Start Setup

Table 6 – continued from previous page

| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 6C  | 108 | l     |    |
| 6D  | 109 | m     |    |
| 6E  | 110 | n     |    |
| 6F  | 111 | o     |  |
| 70  | 112 | p     |  |
| 71  | 113 | q     |  |
| 72  | 114 | r     |  |

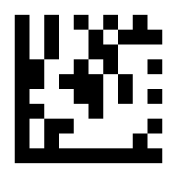
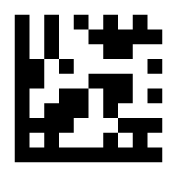
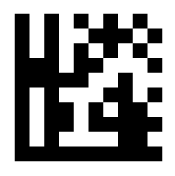
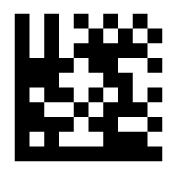
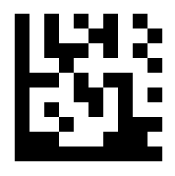
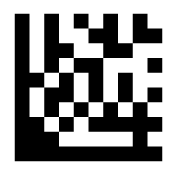
continues on next page





Start Setup

Table 6 – continued from previous page

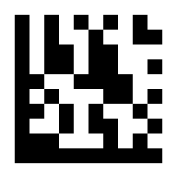
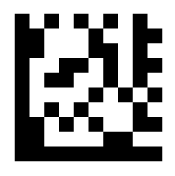
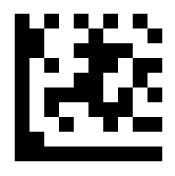
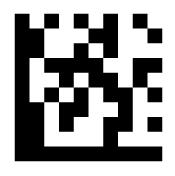
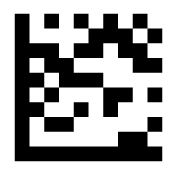
| Hex | Dec | ASCII | Setting Barcode                                                                      |
|-----|-----|-------|--------------------------------------------------------------------------------------|
| 73  | 115 | s     |    |
| 74  | 116 | t     |    |
| 75  | 117 | u     |    |
| 76  | 118 | v     |  |
| 77  | 119 | w     |  |
| 78  | 120 | x     |  |
| 79  | 121 | y     |  |

continues on next page





Table 6 – continued from previous page

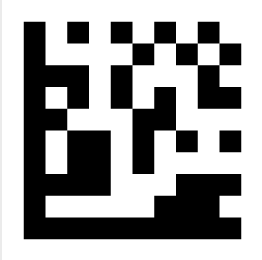
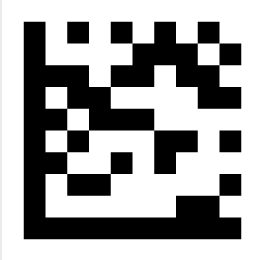
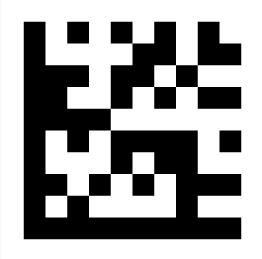
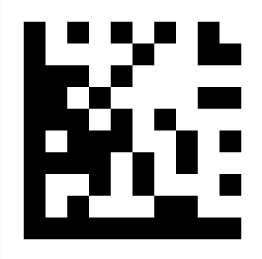
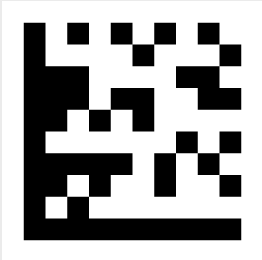
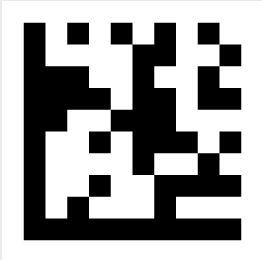
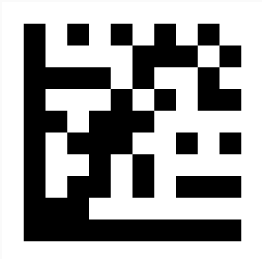
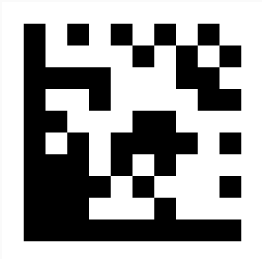
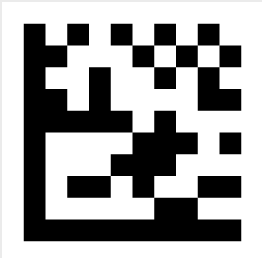
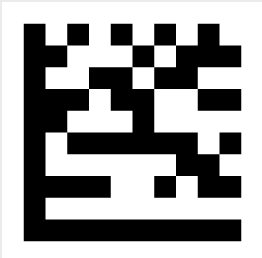
| Hex | Dec | ASCII  | Setting Barcode                                                                      |
|-----|-----|--------|--------------------------------------------------------------------------------------|
| 7A  | 122 | z      |    |
| 7B  | 123 | {      |    |
| 7C  | 124 |        |    |
| 7D  | 125 | }      |  |
| 7E  | 126 | ~      |  |
| 7F  | 127 | Delete |  |

8.3 Function Keys





Start Setup

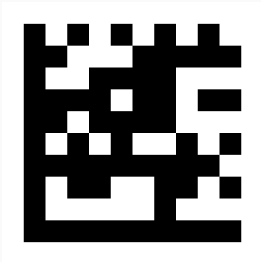
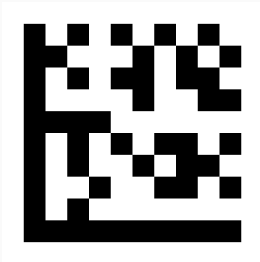
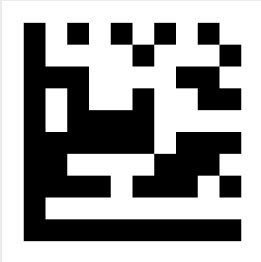
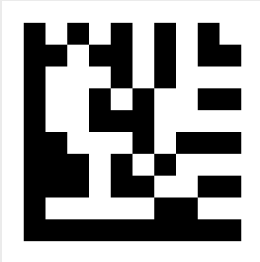
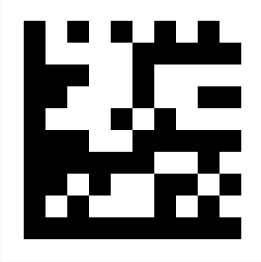
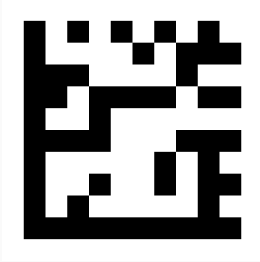
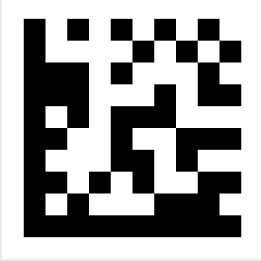
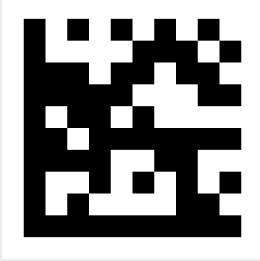
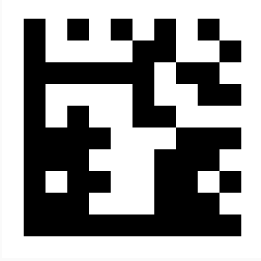
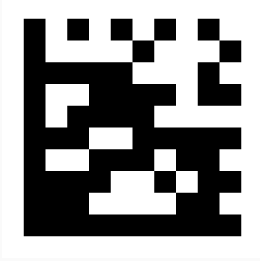
| Key        | Setting Barcode                                                                     | Key         | Setting Barcode                                                                       |
|------------|-------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|
| Insert     |    | Delete      |    |
| Home       |    | End         |    |
| Up Arrow   |   | Down Arrow  |   |
| Left Arrow |  | Right Arrow |  |
| Shift      |  | ESC         |  |

continues on next page





Table 7 – continued from previous page

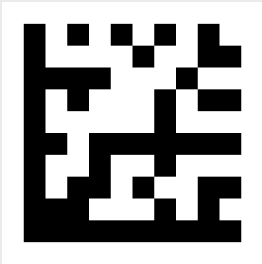
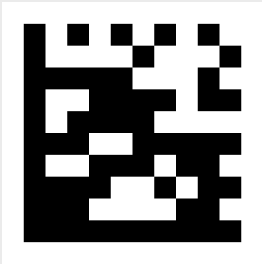
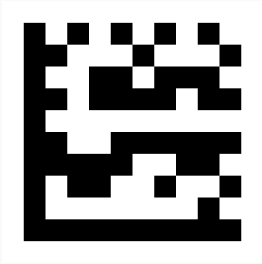
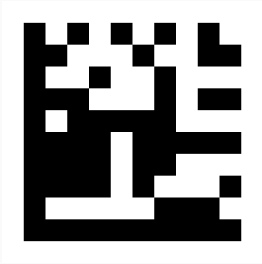
| Key     | Setting Barcode                                                                     | Key       | Setting Barcode                                                                       |
|---------|-------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Page Up |    | Page Down |    |
| F1      |    | F2        |    |
| F3      |   | F4        |   |
| F5      |  | F6        |  |
| F7      |  | F8        |  |

continues on next page





Table 7 – continued from previous page

| Key | Setting Barcode                                                                   | Key | Setting Barcode                                                                     |
|-----|-----------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|
| F9  |  | F10 |  |
| F11 |  | F12 |  |

