



# Newland

SCANNING MADE SIMPLE



**MT65 Beluga**  
mobile computer

symbolologies programming SDK handbook

**Revision History**

<b>Version</b>	<b>Description</b>	<b>Date</b>
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V1.1	Updated supported symbologies.	March 15, 2019

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# 1. Symbology Programming API

Symbology programming API function:

```
public boolean setCodeParam(java.lang.String codeId, java.lang.String property, java.lang.String value)
```

This function is a member of class ScanManager.

Class ScanManager:

java.lang.Object

└ **com.nlscan.android.scan.ScanManager**

Parameters:

**codeId**: Barcode type

**property**: Barcode parameter

**value**: Value of the barcode parameter

Return value:

true – Programming succeeded, false – Programming failed

## 2. Barcode Parameter Index

The following table lists all supported symbologies and their parameters. Clicking a parameter in the list will jump to the instructions of programming it.

Symbology	Parameter Settings
Code 128	<a href="#">Enable Code 128</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Transmit Check Character</a>
GS1-128(UCC/EAN-128)	<a href="#">Enable GS1-128</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
AIM 128	<a href="#">Enable AIM 128</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Transmit Check Character</a>
EAN-8	<a href="#">Enable EAN-8</a>
	<a href="#">Transmit Check Character</a>
	<a href="#">2-digit Add-on Code</a>
	<a href="#">5-digit Add-on Code</a>
	<a href="#">Add-on Code Required</a>
	<a href="#">Enable EAN-8 Zero Extend</a>
	<a href="#">Convert EAN-8 to EAN-13</a>
EAN-13	<a href="#">Enable EAN-13</a>
	<a href="#">Transmit Check Character</a>

	<a href="#">2-digit Add-on Code</a>
	<a href="#">5-digit Add-on Code</a>
	<a href="#">Add-on Code Required</a>
ISSN	<a href="#">Enable ISSN</a>
ISBN	<a href="#">Enable ISBN</a>
	<a href="#">Set ISBN Format</a>
UPC-E	<a href="#">Enable UPC-E</a>
	<a href="#">Transmit Check Character</a>
	<a href="#">2-digit Add-on Code</a>
	<a href="#">5-digit Add-on Code</a>
	<a href="#">Add-on Code Required</a>
	<a href="#">Transmit System Character</a>
	<a href="#">Enable UPC-E Extend</a>
UPC-A	<a href="#">Enable UPC-A</a>
	<a href="#">Transmit Check Character</a>
	<a href="#">2-digit Add-on Code</a>
	<a href="#">5-digit Add-on Code</a>
	<a href="#">Add-on Code Required</a>
	<a href="#">Transmit Preamble Character</a>
	<a href="#">Enable UPC-A + Coupon</a>
	<a href="#">Require Coupon</a>
	<a href="#">Coupon GS1 Databar Output</a>
Interleaved 2 of 5	<a href="#">Enable Interleaved 2 of 5</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
ITF-6	<a href="#">Enable ITF-6</a>
	<a href="#">Transmit Check Character</a>
ITF-14	<a href="#">Enable ITF-14</a>
	<a href="#">Transmit Check Character</a>
Matrix 2 of 5	<a href="#">Enable Matrix 2 of 5</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
Industrial 25	<a href="#">Enable Industrial 25</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
Standard 25	<a href="#">Enable Standard 25</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>



	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
Code 39	<a href="#">Enable Code 39</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
	<a href="#">Transmit Start/Stop Character</a>
	<a href="#">Full ASCII</a>
Codabar	<a href="#">Enable Codabar</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
	<a href="#">Transmit Start/Stop Character</a>
	<a href="#">Set Start/Stop Character Format</a>
Code 93	<a href="#">Enable Code 93</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
Code 11	<a href="#">Enable Code 11</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
Plessey	<a href="#">Enable Plessey</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
MSI-Plessey	<a href="#">Enable MSI-Plessey</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Check Character Verification</a>
	<a href="#">Transmit Check Character</a>
PDF417	<a href="#">Enable PDF417</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">PDF417 Twin Code</a>
	<a href="#">Fixed Number of Barcodes on an Image</a>
	<a href="#">PDF417 Inverse</a>
QR Code	<a href="#">Enable QR Code</a>
	<a href="#">Set Minimum Length</a>

	<a href="#">Set Maximum Length</a>
	<a href="#">QR Twin Code</a>
	<a href="#">Fixed Number of Barcodes on an Image</a>
	<a href="#">QR Inverse</a>
Data Matrix	<a href="#">Enable Data Matrix</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Rectangular Barcode</a>
	<a href="#">Data Matrix Twin Code</a>
	<a href="#">Fixed Number of Barcodes on an Image</a>
	<a href="#">Data Matrix Inverse</a>
Chinese Sensible (CS) Code	<a href="#">Enable CS Code</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">CS Twin Code</a>
	<a href="#">Fixed Number of Barcodes on an Image</a>
	<a href="#">CS Code Inverse</a>
Aztec	<a href="#">Enable Aztec Code</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
	<a href="#">Aztec Twin Code</a>
	<a href="#">Fixed Number of Barcodes on an Image</a>
MicroPDF417	<a href="#">Enable MicroPDF417</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>
Micro QR Code	<a href="#">Enable Micro QR</a>
	<a href="#">Set Minimum Length</a>
	<a href="#">Set Maximum Length</a>

### 3. Code 128

#### 3.1 Enable Code 128

Parameters:

**codeId:** "CODE128"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable Code 128

"1": Enable Code 128

Example: Enable Code 128

```
setCodeParam("CODE128","Enable","1")
```

## 3.2 Set Minimum Length

Parameters:

**codeId:** "CODE128"

**property:** "Minlen"

**value:** "1" – "127" (default: 1)

Example: Set the minimum length of Code 128 to 1

```
setCodeParam("CODE128","Minlen","1")
```

## 3.3 Set Maximum Length

Parameters:

**codeId:** "CODE128"

**property:** "Maxlen"

**value:** "1" – "127" (default: 48)

Example: Set the maximum length of Code 128 to 127

```
setCodeParam("CODE128","Maxlen","127")
```

## 3.4 Transmit Check Character

Parameters:

**codeId:** "CODE128"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit check character

"1": Transmit check character

Example: Transmit Code 128 check character

```
setCodeParam("CODE128","TrsmtChkChar","1")
```

# 4. GS1-128 (UCC/EAN-128)

## 4.1 Enable GS1-128

Parameters:

**codeId:** "UCCEAN128"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable GS1-128 (UCC-EAN-128)

"1": Enable GS1-128 (UCC-EAN-128)

Example: Enable GS1-128

```
setCodeParam("UCCEAN128","Enable","1")
```

## 4.2 Set Minimum Length

Parameters:

**codeId:** "UCCEAN128"

**property:** "Minlen"

**value:** "1" – "127" (default: 1)

Example: Set the minimum length of GS1128 to 6

```
setCodeParam("UCCEAN128","Minlen","6")
```

## 4.3 Set Maximum Length

Parameters:

**codeId:** "UCCEAN128"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of GS1128 to 127

```
setCodeParam("UCCEAN128","Maxlen","127")
```

# 5. AIM 128

## 5.1 Enable AIM 128

Parameters:

**codeId:** "AIM128"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable AIM 128

"1": Enable AIM 128

Example: Enable AIM 128

```
setCodeParam("AIM128","Enable","1")
```

## 5.2 Set Minimum Length

Parameters:

**codeId:** "AIM128"

**property:** "Minlen"

**value:** "1" - "127" (default: 1)

Example: Set the minimum length of AIM 128 to 1

```
setCodeParam("AIM128","Minlen","1")
```

## 5.3 Set Maximum Length

Parameters:

**codeId:** "AIM128"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of AIM 128 to 127

```
setCodeParam("AIM128","Maxlen","127")
```

## 5.4 Transmit Check Character

Parameters:

**codeId:** "AIM128"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit check character

"1": Transmit check character

Example: Transmit AIM 128 check character

```
setCodeParam("AIM128","TrsmtChkChar","1")
```

## 6. EAN-8

### 6.1 Enable EAN-8

Parameters:

**codeId:** "EAN8"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable EAN-8

"1": Enable EAN-8

Example: Enable EAN-8

```
setCodeParam("EAN8","Enable","1")
```

## 6.2 Transmit Check Character

Parameters:

**codeId:** "EAN8"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 1)

"0": Do not transmit EAN-8 check character

"1": Transmit EAN-8 check character

Example: Transmit EAN-8 check character

```
setCodeParam("EAN8","TrsmtChkChar","1")
```

## 6.3 2-digit Add-on Code

Parameters:

**codeId:** "EAN8"

**property:** "Digit2"

**value:** "0" or "1" (default: 0)

"0": Disable 2-digit add-on code

"1": Enable 2-digit add-on code

Example: Enable 2-digit add-on code

```
setCodeParam("EAN8","Digit2","1")
```

## 6.4 5-digit Add-on Code

Parameters:

**codeId:** "EAN8"

**property:** "Digit5"

**value:** "0" or "1" (default: 0)

"0": Disable 5-digit add-on code

"1": Enable 5-digit add-on code

Example: Enable 5-digit add-on code

```
setCodeParam("EAN8","Digit5","1")
```

## 6.5 Add-on Code Required

Parameters:

**codeId:** "EAN8"

**property:** "AddonRequired"

**value:** "0" or "1" (default: 0)

"0": EAN-8 add-on code not required

"1": EAN-8 add-on code required

Example: Require EAN-8 add-on code

```
setCodeParam("EAN8","AddonRequired","1")
```

## 6.6 Enable EAN-8 Zero Extend

Parameters:

**codeId:** "EAN8"

**property:** "MsgtoEan13"

**value:** "0" or "1" (default: 0)

"0": Disable EAN-8 zero extend

"1": Enable EAN-8 zero extend

Example: Enable EAN-8 zero extend

```
setCodeParam("EAN8","MsgtoEan13","1")
```

## 6.7 Convert EAN-8 to EAN-13

Parameters:

**codeId:** "EAN8"

**property:** "TypetoEan13"

**value:** "0" or "1" (default: 0)

"0": Do not convert EAN-8 to EAN-13

"1": Convert EAN-8 to EAN-13

Example: Convert EAN-8 to EAN-13

```
setCodeParam("EAN8","TypetoEan13","1")
```

# 7. EAN-13

## 7.1 Enable EAN-13

Parameters:

**codeId:** "EAN13"  
**property:** "Enable"  
**value:** "0" or "1" (default: 1)  
    "0": Disable EAN-13  
    "1": Enable EAN-13

Example: Enable EAN-13  
setCodeParam("EAN13","Enable","1")

## 7.2 Transmit Check Character

Parameters:

**codeId:** "EAN13"  
**property:** "TrsmtChkChar"  
**value:** "0" or "1" (default: 1)  
    "0": Do not transmit EAN-13 check character  
    "1": Transmit EAN-13 check character

Example: Transmit EAN-13 check character  
setCodeParam("EAN13","TrsmtChkChar","1")

## 7.3 2-digit Add-on Code

Parameters:

**codeId:** "EAN13"  
**property:** "Digit2"  
**value:** "0" or "1" (default: 0)  
    "0": Disable 2-digit add-on code  
    "1": Enable 2-digit add-on code

Example: Enable 2-digit add-on code  
setCodeParam("EAN13","Digit2","1")

## 7.4 5-digit Add-on Code

Parameters:

**codeId:** "EAN13"  
**property:** "Digit5"  
**value:** "0" or "1" (default: 0)  
    "0": Disable 5-digit add-on code  
    "1": Enable 5-digit add-on code



Example: Enable 5-digit add-on code

```
setCodeParam("EAN13","Digit5","1")
```

## 7.5 Add-on Code Required

Parameters:

**codeId:** "EAN13"

**property:** "AddonRequired"

**value:** "0" or "1" (default: 0)

"0": EAN-13 add-on code not required

"1": EAN-13 add-on code required

Example: Require EAN-13 add-on code

```
setCodeParam("EAN13","AddonRequired","1")
```

## 8. ISSN

### 8.1 Enable ISSN

Parameters:

**codeId:** "ISSN"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable ISSN

"1": Enable ISSN

Example: Enable ISSN

```
setCodeParam("ISSN","Enable","1")
```

## 9. ISBN

### 9.1 Enable ISBN

Parameters:

**codeId:** "ISBN"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable ISBN

"1": Enable ISBN

Example: Enable ISBN

```
setCodeParam("ISBN","Enable","1")
```

## 9.2 Set ISBN Format

Parameters:

**codeId:** "ISBN"

**property:** "Length"

**value:** "0" or "1" (default: 1)

"0": ISBN-13

"1": ISBN-10

Example: Enable ISBN-10

```
setCodeParam("ISBN","Length","1")
```

## 10. UPC-E

### 10.1 Enable UPC-E

Parameters:

**codeId:** "UPCE"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable UPC-E

"1": Enable UPC-E

Example: Enable UPC-E

```
setCodeParam("UPCE","Enable","1")
```

### 10.2 Transmit Check Character

Parameters:

**codeId:** "UPCE"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 1)

"0": Do not transmit UPC-E check character

"1": Transmit UPC-E check character

Example: Transmit UPC-E check character

```
setCodeParam("UPCE","TrsmtChkChar","1")
```

## 10.3 2-digit Add-on Code

Parameters:

**codeId:** "UPCE"

**property:** "Digit2"

**value:** "0" or "1" (default: 0)

"0": Disable 2-digit add-on code

"1": Enable 2-digit add-on code

Example: Enable 2-digit add-on code

```
setCodeParam("UPCE","Digit2","1");
```

## 10.4 5-digit Add-on Code

Parameters:

**codeId:** "UPCE"

**property:** "Digit5"

**value:** "0" or "1" (default: 0)

"0": Disable 5-digit add-on code

"1": Enable 5-digit add-on code

Example: Enable 5-digit add-on code

```
setCodeParam("UPCE","Digit5","1")
```

## 10.5 Add-on Code Required

Parameters:

**codeId:** "UPCE"

**property:** "AddonRequired"

**value:** "0" or "1" (default: 0)

"0": UPC-E add-on code not required

"1": UPC-E add-on code required

Example: Require UPC-E add-on code

```
setCodeParam("UPCE","AddonRequired","1")
```

## 10.6 Transmit System Character

Parameters:

**codeId:** "UPCE"

**property:** "TrsmtSysDigit"

**value:** "0" or "1" (default: 1)

"0": Do not transmit system character

"1": Transmit system character

Example: Transmit system character

```
setCodeParam("UPCE","TrsmtSysDigit","1")
```

## 10.7 Enable UPC-E Extend

Parameters:

**codeId:** "UPCE"

**property:** "MsgToupca"

**value:** "0" or "1" (default: 0)

"0": Disable UPC-E extend

"1": Enable UPC-E extend

Example: Enable UPC-E extend

```
setCodeParam("UPCE","MsgToupca","1")
```

## 11. UPC-A

### 11.1 Enable UPC-A

Parameters:

**codeId:** "UPCA"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable UPC-A

"1": Enable UPC-A

Example: Enable UPC-A

```
setCodeParam("UPCA","Enable","1")
```

### 11.2 Transmit Check Character

Parameters:

**codeId:** "UPCA"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 1)

"0": Do not transmit UPC-A check character

"1": Transmit UPC-A check character

Example: Transmit UPC-A check character

```
setCodeParam("UPCA","TrsmtChkChar","1")
```

## 11.3 2-digit Add-on Code

Parameters:

**codeId:** "UPCA"

**property:** "Digit2"

**value:** "0" or "1" (default: 0)

"0": Disable 2-digit add-on code

"1": Enable 2-digit add-on code

Example: Enable 2-digit add-on code

```
setCodeParam("UPCA","Digit2","1")
```

## 11.4 5-digit Add-on Code

Parameters:

**codeId:** "UPCA"

**property:** "Digit5"

**value:** "0" or "1" (default: 0)

"0": Disable 5-digit add-on code

"1": Enable 5-digit add-on code

Example: Enable 5-digit add-on code

```
setCodeParam("UPCA","Digit5","1")
```

## 11.5 Add-on Code Required

Parameters:

**codeId:** "UPCA"

**property:** "AddonRequired"

**value:** "0" or "1" (default: 0)

"0": UPC-A add-on code not required

"1": UPC-A add-on code required

Example: Require UPC-A add-on code

```
setCodeParam("UPCA","AddonRequired","1")
```

## 11.6 Transmit Preamble Character

Parameters:

**codeId:** "UPCA"

**property:** "TrsmtSysDigit"

**value:** "0" or "1" (default: 0)  
"0": Do not transmit UPC-A preamble character  
"1": Transmit UPC-A preamble character

Example: Transmit UPC-A preamble character  
setCodeParam("UPCA", "TrsmtSysDigit", "1")

## 11.7 Enable UPC-A + Coupon

Parameters:

**codeId:** "UPCA"  
**property:** "Coupon"  
**value:** "0" or "1" (default: 0)  
"0": Enable UPC-A + Coupon  
"1": Disable UPC-A + Coupon

Example: Enable UPC-A + Coupon  
setCodeParam("UPCA", "Coupon", "1")

## 11.8 Require Coupon

Parameters:

**codeId:** "UPCA"  
**property:** "ReqCoupon"  
**value:** "0" or "1" (default: 0)  
"0": Do not require coupon  
"1": Require coupon

Example: Require coupon  
setCodeParam("UPCA", "ReqCoupon", "1")

## 11.9 Coupon GS1 Databar Output

Parameters:

**codeId:** "UPCA"  
**property:** "Gs1Coupon"  
**value:** "0" or "1" (default: 0)  
"0": GS1 output off  
"1": GS1 output on

Example: GS1 output on  
setCodeParam("UPCA", "Gs1Coupon", "1")

## 12. Interleaved 2 of 5

### 12.1 Enable Interleaved 2 of 5

Parameters:

**codeId:** "ITF"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable Interleaved 2 of 5

"1": Enable Interleaved 2 of 5

Example: Enable Interleaved 2 of 5

```
setCodeParam("ITF","Enable","1")
```

### 12.2 Set Minimum Length

Parameters:

**codeId:** "ITF"

**property:** "Minlen"

**value:** "1" – "127" (default: 6)

Example: Set the minimum length of Interleaved 2 of 5 to 1

```
setCodeParam("ITF","Minlen","1")
```

### 12.3 Set Maximum Length

Parameters:

**codeId:** "ITF"

**property:** "Maxlen"

**value:** "1" - "127" (default: 80)

Example: Set the minimum length of Interleaved 2 of 5 to 127

```
setCodeParam("ITF","Maxlen","127")
```

### 12.4 Check Character Verification

Parameters:

**codeId:** "ITF"

**property:** "Check"

**value:** "0" - "1" (default: 0)

"0": Disable check character verification

"1": Enable check character verification

Example: Enable Interleaved 2 of 5 check character verification  
setCodeParam("ITF","Check","1");

## 12.5 Transmit Check Character

Parameters:

**codeId:** "ITF"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 1)

"0": Do not transmit Interleaved 2 of 5 check character

"1": Transmit Interleaved 2 of 5 check character

Example: Transmit Interleaved 2 of 5 check character  
setCodeParam("ITF","TrsmtChkChar","1")

## 13. ITF-6

### 13.1 Enable ITF-6

Parameters:

**codeId:** "ITF6"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable ITF-6

"1": Enable ITF-6

Example: Enable ITF-6  
setCodeParam("ITF6","Enable","1")

### 13.2 Transmit Check Character

Parameters:

**codeId:** "ITF6"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit ITF-6 check character

"1": Transmit ITF-6 check character

Example: Transmit ITF-6 check character  
setCodeParam("ITF6","TrsmtChkChar","1")



## 14. ITF-14

### 14.1 Enable ITF-14

Parameters:

**codeId:** "ITF14"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable ITF-14

"1": Enable ITF-14

Example: Enable ITF-14

```
setCodeParam("ITF14","Enable","1")
```

### 14.2 Transmit Check Character

Parameters:

**codeId:** "ITF14"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit ITF-14 check character

"1": Transmit ITF-14 check character

Example: Transmit ITF-14 check character

```
setCodeParam("ITF14","TrsmtChkChar","1")
```

## 15. Matrix 2 of 5

### 15.1 Enable Matrix 2 of 5

Parameters:

**codeId:** "MATRIX25"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable Matrix 2 of 5

"1": Enable Matrix 2 of 5

Example: Enable Matrix 2 of 5

```
setCodeParam("MATRIX25","Enable","1")
```

## 15.2 Set Minimum Length

Parameters:

**codeId:** "MATRIX25"

**property:** "Minlen"

**value:** "1" – "127" (default: 4)

Example: Set the minimum length of Matrix 2 of 5 to 1

```
setCodeParam("MATRIX25","Minlen","1")
```

## 15.3 Set Maximum Length

Parameters:

**codeId:** "MATRIX25"

**property:** "Maxlen"

**value:** "1" - "127" (default: 80)

Example: Set the maximum length of Matrix 2 of 5 to 127

```
setCodeParam("MATRIX25","Maxlen","127")
```

## 15.4 Check Character Verification

Parameters:

**codeId:** "MATRIX25"

**property:** "Check"

**value:** "0" - "1" (default: 0)

"0": Disable check character verification

"1": Enable check character verification

Example: Enable Matrix 2 of 5 check character verification

```
setCodeParam("MATRIX25","Check","1");
```

## 15.5 Transmit Check Character

Parameters:

**codeId:** "MATRIX25"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Matrix 2 of 5 check character

"1": Transmit Matrix 2 of 5 check character

Example: Transmit Matrix 2 of 5 check character

```
setCodeParam("MATRIX25","TrsmtChkChar","1")
```

## 16. Industrial 25

### 16.1 Enable Industrial 25

Parameters:

**codeId:** "IND25"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable Industrial 25

"1": Enable Industrial 25

Example: Enable Industrial 25

```
setCodeParam("IND25","Enable","1")
```

### 16.2 Set Minimum Length

Parameters:

**codeId:** "IND25"

**property:** "Minlen"

**value:** "1" - "127" (default: 6)

Example: Set the minimum length of Industrial 25 to 1

```
setCodeParam("IND25","Minlen","1")
```

### 16.3 Set Maximum Length

Parameters:

**codeId:** "IND25"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of Industrial 25 to 127

```
setCodeParam("IND25","Maxlen","127")
```

### 16.4 Check Character Verification

Parameters:

**codeId:** "IND25"

**property:** "Check"

**value:** "0" - "1" (default: 0)  
"0": Disable check character verification  
"1": Enable check character verification

Example: Enable Industrial 25 check character verification  
setCodeParam("IND25","Check", "1");

## 16.5 Transmit Check Character

Parameters:  
**codeId:** "IND25"  
**property:** "TrsmtChkChar"  
**value:** "0" or "1" (default: 0)  
"0": Do not transmit Industrial 25 check character  
"1": Transmit Industrial 25 check character

Example: Transmit Industrial 25 check character  
setCodeParam("IND25","TrsmtChkChar", "1")

## 17. Standard 25

### 17.1 Enable Standard 25

Parameters:  
**codeId:** "STD25"  
**property:** "Enable"  
**value:** "0" or "1" (default: 0)  
"0": Disable Standard 25  
"1": Enable Standard 25

Example: Enable Standard 25  
setCodeParam("STD25","Enable", "1")

### 17.2 Set Minimum Length

Parameters:  
**codeId:** "STD25"  
**property:** "Minlen"  
**value:** "1" - "127" (default: 6)

Example: Set the minimum length of Standard 25 to 1  
setCodeParam("STD25","Minlen", "1")

## 17.3 Set Maximum Length

Parameters:

**codeId:** "STD25"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of Standard 25 to 127

```
setCodeParam("STD25","Maxlen","127")
```

## 17.4 Check Character Verification

Parameters:

**codeId:** "STD25"

**property:** "Check"

**value:** "0" - "1" (default: 0)

"0": Disable check character verification

"1": Enable check character verification

Example: Enable Standard 25 check character verification

```
setCodeParam("STD25","Check","1");
```

## 17.5 Transmit Check Character

Parameters:

**codeId:** "STD25"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Standard 25 check character

"1": Transmit Standard 25 check character

Example: Transmit Standard 25 check character

```
setCodeParam("STD25","TrsmtChkChar","1")
```

## 18. Code 39

### 18.1 Enable Code 39

Parameters:

**codeId:** "CODE39"

**property:** "Enable"

**value:** "0" or "1" (default: 1)  
"0": Disable Code 39  
"1": Enable Code 39

Example: Enable Code 39  
setCodeParam("CODE39","Enable","1")

## 18.2 Set Minimum Length

Parameters:  
**codeId:** "CODE39"  
**property:** "Minlen"  
**value:** "1" - "127" (default: 1)

Example: Set the minimum length of Code 39 to 1  
setCodeParam("CODE39","Minlen","1")

## 18.3 Set Maximum Length

Parameters:  
**codeId:** "CODE39"  
**property:** "Maxlen"  
**value:** "1" - "127" (default: 48)

Example: Set the maximum length of Code 39 to 127  
setCodeParam("CODE39","Maxlen","127")

## 18.4 Check Character Verification

Parameters:  
**codeId:** "CODE39"  
**property:** "Check"  
**value:** "0" - "1" (default: 0)  
"0": Disable check character verification  
"1": Enable check character verification

Example: Enable Code 39 check character verification  
setCodeParam("CODE39","Check","1");

## 18.5 Transmit Check Character

Parameters:

**codeId:** "CODE39"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Code 39 check character

"1": Transmit Code 39 check character

Example: Transmit Code 39 check character

```
setCodeParam("CODE39","TrsmtChkChar","1")
```

## 18.6 Transmit Start/Stop Character

Parameters:

**codeId:** "CODE39"

**property:** "TrsmtStasrtStop"

**value:** "0" or "1" (default: 0)

"0": Do not transmit start/stop character

"1": Transmit start/stop character

Example: Do not transmit Code 39 start/stop character

```
setCodeParam("CODE39","TrsmtStasrtStop","0")
```

## 18.7 Full ASCII

Parameters:

**codeId:** "CODE39"

**property:** "FullAscii"

**value:** "0" or "1" (default: 0)

"0": Disable Code 39 Full ASCII

"1": Enable Code 39 Full ASCII

Example: Disable Code 39 Full ASCII

```
setCodeParam("CODE39","FullAscii","0")
```

## 19. Codabar

### 19.1 Enable Codabar

Parameters:

**codeId:** "CODABAR"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable Codabar

"1": Enable Codabar

Example: Enable Codabar

```
setCodeParam("CODABAR","Enable","1")
```

## 19.2 Set Minimum Length

Parameters:

**codeId:** "CODABAR"

**property:** "Minlen"

**value:** "1" - "127" (default: 2)

Example: Set the minimum length of Codabar to 1

```
setCodeParam("CODABAR","Minlen","1")
```

## 19.3 Set Maximum Length

Parameters:

**codeId:** "CODABAR"

**property:** "Maxlen"

**value:** "1" - "127" (default: 60)

Example: Set the maximum length of Codabar to 127

```
setCodeParam("CODABAR","Maxlen","127")
```

## 19.4 Check Character Verification

Parameters:

**codeId:** "CODABAR"

**property:** "Check"

**value:** "0" - "1" (default: 0)

"0": Disable check character verification

"1": Enable check character verification

Example: Enable Codabar check character verification

```
setCodeParam("CODABAR","Check","1");
```

## 19.5 Transmit Check Character

Parameters:

**codeId:** "CODABAR"



**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Codabar check character

"1": Transmit Codabar check character

Example: Transmit Codabar check character

```
setCodeParam("CODABAR","TrsmtChkChar","1")
```

## 19.6 Transmit Start/Stop Character

Parameters:

**codeId:** "CODABAR"

**property:** "TrsmtStasrtStop"

**value:** "0" or "1" (default: 0)

"0": Do not transmit start/stop character

"1": Transmit start/stop character

Example: Do not transmit Codabar start/stop character

```
setCodeParam("CODABAR","TrsmtStasrtStop","0")
```

## 19.7 Start/Stop Character Format

Parameters:

**codeId:** "CODABAR"

**property:** "StartStopMode"

**value:** "0" or "1" (default: 0)

"0": ABCD/ABCD

"1": ABCD/TN\*E

Example: Set Codabar start/stop character to ABCD/ABCD

```
setCodeParam("CODABAR","StartStopMode","0")
```

## 20. Code 93

### 20.1 Enable Code 93

Parameters:

**codeId:** "CODE93"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable Code 93

"1": Enable Code 93

Example: Enable Code 93

```
setCodeParam("CODE93","Enable","1")
```

## 20.2 Set Minimum Length

Parameters:

**codeId:** "CODE93"

**property:** "Minlen"

**value:** "1" - "127" (default: 1)

Example: Set the minimum length of Code 93 to 1

```
setCodeParam("CODE93","Minlen","1")
```

## 20.3 Set Maximum Length

Parameters:

**codeId:** "CODE93"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of Code 93 to 127

```
setCodeParam("CODE93","Maxlen","127")
```

## 20.4 Check Character Verification

Parameters:

**codeId:** "CODE93"

**property:** "Check"

**value:** "0" - "1" (default: 1)

"0": Disable check character verification

"1": Enable check character verification

Example: Enable Code 93 check character verification

```
setCodeParam("CODE93","Check","1");
```

## 20.5 Transmit Check Character

Parameters:

**codeId:** "CODE93"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Code 93 check character

"1": Transmit Code 93 check character

Example: Do not transmit Code 93 check character

```
setCodeParam("CODE93","TrsmtChkChar","0")
```

## 21. Code 11

### 21.1 Enable Code 11

Parameters:

**codeId:** "CODE11"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable Code 11

"1": Enable Code 11

Example: Enable Code 11

```
setCodeParam("CODE11","Enable","1")
```

### 21.2 Set Minimum Length

Parameters:

**codeId:** "CODE11"

**property:** "Minlen"

**value:** "1" - "127" (default: 4)

Example: Set the minimum length of Code 11 to 1

```
setCodeParam("CODE11","Minlen","1")
```

### 21.3 Set Maximum Length

Parameters:

**codeId:** "CODE11"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of Code 11 to 127

```
setCodeParam("CODE11","Maxlen","127")
```

## 21.4 Check Character Verification

Parameters:

**codeId:** "CODE11"

**property:** "ChkMode"

**value:** "0" - "5" (default: 1)

"0": Disable

"1": 1 check character, MOD11

"2": 2 check characters, MOD11/MOD11

"3": 2 check characters, MOD11/MOD9

"4": 1 check character, MOD11; 2 check characters, MOD11/MOD11

"5": 1 check character, MOD11; 2 check characters, MOD11/MOD9

Example: Disable Code 11 check character verification

```
setCodeParam("CODE11","ChkMode","0")
```

## 21.5 Transmit Check Character

Parameters:

**codeId:** "CODE11"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Code 11 check character

"1": Transmit Code 11 check character

For example: Transmit Code 11 check character

```
setCodeParam("CODE11","TrsmtChkChar","1")
```

## 22. Plessey

### 22.1 Enable Plessey

Parameters:

**codeId:** "PLSY"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable Plessey

"1": Enable Plessey

Example: Enable Plessey

```
setCodeParam("PLSY","Enable","1")
```

## 22.2 Set Minimum Length

Parameters:

**codeId:** "PLSY"

**property:** "Minlen"

**value:** "1" - "127" (default: 1)

Example: Set the minimum length of Plessey to 1

```
setCodeParam("PLSY","Minlen","1")
```

## 22.3 Set Maximum Length

Parameters:

**codeId:** "PLSY"

**property:** "Maxlen"

**value:** "1" - "127" (default: 127)

Example: Set the maximum length of Plessey to 127

```
setCodeParam("PLSY","Maxlen","127")
```

## 22.4 Check Character Verification

Parameters:

**codeId:** "PLSY"

**property:** "Check"

**value:** "0" - "1" (default: 0)

"0": Disable check character verification

"1": Enable check character verification

Example: Enable Plessey check character verification

```
setCodeParam("PLSY","Check","1");
```

## 22.5 Transmit Check Character

Parameters:

**codeId:** "PLSY"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit Plessey check character

"1": Transmit Plessey check character

Example: Do not transmit Plessey check character

```
setCodeParam("PLSY","TrsmtChkChar","0")
```

## 23. MSI-Plessey

### 23.1 Enable MSI-Plessey

Parameters:

**codeId:** "MSIPLSY"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable MSI-Plessey

"1": Enable MSI-Plessey

Example: Enable MSI-Plessey

```
setCodeParam("MSIPLSY","Enable","1")
```

### 23.2 Set Minimum Length

Parameters:

**codeId:** "MSIPLSY"

**property:** "Minlen"

**value:** "1" - "127" (default: 4)

Example: Set the minimum length of MSI-Plessey to 1

```
setCodeParam("MSIPLSY","Minlen","1")
```

### 23.3 Set Maximum Length

Parameters:

**codeId:** "MSIPLSY"

**property:** "Maxlen"

**value:** "1" - "127" (default: 48)

Example: Set the maximum length of MSI-Plessey to 127

```
setCodeParam("MSIPLSY","Maxlen","127")
```

### 23.4 Check Character Verification

Parameters:

**codeId:** "MSIPLSY"

**property:** "ChkMode"

**value:** "0" - "3" (default: 1)

"0": Disable

"1": 1 check character, MOD10

"2": 2 check characters, MOD10/MOD10

"3": 2 check characters, MOD10/MOD11

Example: 1 check character, MOD10

```
setCodeParam("MSIPLSY","ChkMode","1")
```

## 23.5 Transmit Check Character

Parameters:

**codeId:** "MSIPLSY"

**property:** "TrsmtChkChar"

**value:** "0" or "1" (default: 0)

"0": Do not transmit MSI-Plessey check character

"1": Transmit MSI-Plessey check character

Example: Transmit MSI-Plessey check character

```
setCodeParam("MSIPLSY","TrsmtChkChar","1")
```

## 24. PDF417

### 24.1 Enable PDF417

Parameters:

**codeId:** "PDF417"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable PDF417

"1": Enable PDF417

Example: Enable PDF417

```
setCodeParam("PDF417","Enable","1")
```

### 24.2 Set Minimum Length

Parameters:

**codeId:** "PDF417"

**property:** "Minlen"

**value:** "1" - "2710" (default: 1)

Example: Set the minimum length of PDF417 to 1  
setCodeParam("PDF417","Minlen","1")

## 24.3 Set Maximum Length

Parameters:

**codeId:** "PDF417"

**property:** "Maxlen"

**value:** "1" - "2710" (default: 2710)

Example: Set the maximum length of PDF417 to 2710  
setCodeParam("PDF417","Maxlen","2710")

## 24.4 PDF417 Twin Code

Parameters:

**codeId:** "PDF417"

**property:** "CodeNum"

**value:** "1" or "2" (default: 1)

"1": Read single PDF417 code

"2": Read two PDF417 codes

Example: Read two PDF417 codes  
setCodeParam("PDF417","CodeNum","2")

## 24.5 Fixed Number of Barcodes on an Image

Parameters:

**codeId:** "PDF417"

**property:** "NumFixed"

**value:** "0" or "1" (default: 1)

"0": Varied number of barcodes on an image

"1": Fixed number of barcodes on an image

Example: Fixed number of barcodes on an image  
setCodeParam("PDF417","NumFixed","1")

## 24.6 PDF417 Inverse

Parameters:

**codeId:** "PDF417"

**property:** "VideoMode"



**value:** "0"- "2" (default: 0)

"0": Decode regular PDF417 barcodes only

"1": Decode inverse PDF417 barcodes only

"2": Decode both

Example: Decode regular and inverse PDF417 barcodes

```
setCodeParam("PDF417","VideoMode","2")
```

## 25. QR Code

### 25.1 Enable QR Code

Parameters:

**codeId:** "QR"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable QR Code

"1": Enable QR Code

Example: Enable QR Code

```
setCodeParam("QR","Enable","1")
```

### 25.2 Set Minimum Length

Parameters:

**codeId:** "QR"

**property:** "Minlen"

**value:** "1" - "7089" (default: 1)

Example: Set the minimum length of QR Code to 1

```
setCodeParam("QR","Minlen","1")
```

### 25.3 Set Maximum Length

Parameters:

**codeId:** "QR"

**property:** "Maxlen"

**value:** "1" - "7089" (default: 7089)

Example: Set the minimum length of QR Code to 7089

```
setCodeParam("QR","Maxlen","7089")
```

## 25.4 QR Twin Code

Parameters:

**codeId:** "QR"

**property:** "CodeNum"

**value:** "1" or "2" (default: 1)

"1": Read single QR code

"2": Read two QR codes

Example: Read two QR codes

```
setCodeParam("QR","CodeNum","2")
```

## 25.5 Fixed Number of Barcodes on an Image

Parameters:

**codeId:** "QR"

**property:** "NumFixed"

**value:** "0" or "1" (default: 1)

"0": Varied number of barcodes on an image

"1": Fixed number of barcodes on an image

Example: Fixed number of barcodes on an image

```
setCodeParam("QR","NumFixed","1")
```

## 25.6 QR Inverse

Parameters:

**codeId:** "QR"

**property:** "VideoMode"

**value:** "0"- "2" (default: 0)

"0": Decode regular QR barcodes only

"1": Decode inverse QR barcodes only

"2": Decode both

Example: Decode regular and inverse QR barcodes

```
setCodeParam("QR","VideoMode","2")
```

## 26. Data Matrix

### 26.1 Enable Data Matrix

Parameters:

**codeId:** "DM"

**property:** "Enable"

**value:** "0" or "1" (default: 1)

"0": Disable Data Matrix

"1": Enable Data Matrix

Example: Enable Data Matrix

```
setCodeParam("DM","Enable","1")
```

### 26.2 Set Minimum Length

Parameters:

**codeId:** "DM"

**property:** "Minlen"

**value:** "1" - "3116" (default: 1)

Example: Set the minimum length of Data Matrix to 1

```
setCodeParam("DM","Minlen","1")
```

### 26.3 Set Maximum Length

Parameters:

**codeId:** "DM"

**property:** "Maxlen"

**value:** "1" - "3116" (default: 3116)

Example: Set the maximum length of Data Matrix to 3116

```
setCodeParam("DM","Maxlen","3116")
```

### 26.4 Rectangular Barcode

Parameters:

**codeId:** "DM"

**property:** "RectAngle"

**value:** "0" or "1" (default: 1)

"0": Disable rectangular DM

"1": Enable rectangular DM

Example: Enable rectangular DM

```
setCodeParam("DM", "RectAngle", "1")
```

## 26.5 Data Matrix Twin Code

Parameters:

**codeId:** "DM"

**property:** "CodeNum"

**value:** "1" or "2" (default: 1)

"1": Read single DM code

"2": Read two DM codes

Example: Read two DM codes

```
setCodeParam("DM", "CodeNum", "2")
```

## 26.6 Fixed Number of Barcodes on an Image

Parameters:

**codeId:** "DM"

**property:** "NumFixed"

**value:** "0" or "1" (default: 1)

"0": Varied number of barcodes on an image

"1": Fixed number of barcodes on an image

Example: Fixed number of barcodes on an image

```
setCodeParam("DM", "NumFixed", "1")
```

## 26.7 Data Matrix Inverse

Parameters:

**codeId:** "DM"

**property:** "VideoMode"

**value:** "0"- "2" (default: 0)

"0": Decode regular DM barcodes only

"1": Decode inverse DM barcodes only

"2": Decode both

Example: Decode regular and inverse DM barcodes

```
setCodeParam("DM", "VideoMode", "2")
```

## 27. Chinese Sensible (CS) Code

### 27.1 Enable CS Code

Parameters:

**codeId:** "CSC"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable CS Code

"1": Enable CS Code

Example: Enable CS Code

```
setCodeParam("CSC","Enable","1")
```

### 27.2 Set Minimum Length

Parameters:

**codeId:** "CSC"

**property:** "Minlen"

**value:** "1" - "7827" (default: 1)

Example: Set the minimum length of CS Code to 1

```
setCodeParam("CSC","Minlen","1")
```

### 27.3 Set Maximum Length

Parameters:

**codeId:** "CSC"

**property:** "Maxlen"

**value:** "1" - "7827" (default: 7827)

Example: Set the maximum length of CS Code to 7827

```
setCodeParam("CSC","Maxlen","7827")
```

### 27.4 CS Twin Code

Parameters:

**codeId:** "CSC"

**property:** "CodeNum"

**value:** "1" or "2" (default: 1)  
"1": Read single CS code  
"2": Read two CS codes

Example: Read two CS codes  
`setCodeParam("CSC","CodeNum","2")`

## 27.5 Fixed Number of Barcodes on an Image

Parameters:  
**codeId:** "CSC"  
**property:** "NumFixed"  
**value:** "0" or "1" (default: 1)  
"0": Varied number of barcodes on an image  
"1": Fixed number of barcodes on an image

Example: Fixed number of barcodes on an image  
`setCodeParam("CSC","NumFixed","1")`

## 27.6 CS Code Inverse

Parameters:  
**codeId:** "CSC"  
**property:** "VideoMode"  
**value:** "0"- "2" (default: 0)  
"0": Decode regular CS barcodes only  
"1": Decode inverse CS barcodes only  
"2": Decode both

Example: Decode regular and inverse CS barcodes  
`setCodeParam("CSC","VideoMode","2")`

## 28. Aztec

### 28.1 Enable Aztec Code

Parameters:  
**codeId:** "AZTEC"  
**property:** "Enable"  
**value:** "0" or "1" (default: 0)  
"0": Disable Aztec Code  
"1": Enable Aztec Code

Example: Enable Aztec Code

```
setCodeParam("AZTEC","Enable","1")
```

## 28.2 Set Minimum Length

Parameters:

**codeId:** "AZTEC"

**property:** "Minlen"

**value:** "1" - "3832" (default: 1)

Example: Set the minimum length of Aztec Code to 1

```
setCodeParam("AZTEC","Minlen","1")
```

## 28.3 Set Maximum Length

Parameters:

**codeId:** "AZTEC"

**property:** "Maxlen"

**value:** "1" - "3832" (default: 3832)

Example: Set the maximum length of Aztec Code to 3832

```
setCodeParam("AZTEC","Maxlen","3832")
```

## 28.4 Aztec Twin Code

Parameters:

**codeId:** "AZTEC"

**property:** "CodeNum"

**value:** "1" or "2" (default: 1)

"1": Read single Aztec code

"2": Read two Aztec codes

Example: Read two Aztec codes

```
setCodeParam("AZTEC","CodeNum","2")
```

## 28.5 Fixed Number of Barcodes on an Image

Parameters:

**codeId:** "AZTEC"

**property:** "NumFixed"

**value:** "0" or "1" (default: 1)

"0": Varied number of barcodes on an image

"1": Fixed number of barcodes on an image

Example: Fixed number of barcodes on an image

```
setCodeParam("AZTEC","NumFixed","1")
```

## 29. MicroPDF417

### 29.1 Enable MicroPDF417

Parameters:

**codeId:** "MICROPDF"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable MicroPDF417

"1": Enable MicroPDF417

Example: Enable MicroPDF417

```
setCodeParam("MICROPDF","Enable","1")
```

### 29.2 Set Minimum Length

Parameters:

**codeId:** "MICROPDF"

**property:** "Minlen"

**value:** "1" - "366" (default: 1)

Example: Set the minimum length of MicroPDF417 to 1

```
setCodeParam("MICROPDF","Minlen","1")
```

### 29.3 Set Maximum Length

Parameters:

**codeId:** "MICROPDF"

**property:** "Maxlen"

**value:** "1" - "366" (default: 366)

Example: Set the maximum length of MicroPDF417 to 366

```
setCodeParam("MICROPDF","Maxlen","366")
```



## 30. Micro QR Code

### 30.1 Enable Micro QR

Parameters:

**codeId:** "MICROQR"

**property:** "Enable"

**value:** "0" or "1" (default: 0)

"0": Disable Micro QR

"1": Enable Micro QR

Example: Enable Micro QR

```
setCodeParam("MICROQR","Enable","1")
```

### 30.2 Set Minimum Length

Parameters:

**codeId:** "MICROQR"

**property:** "Minlen"

**value:** "1" - "35" (default: 1)

Example: Set the minimum length of Micro QR Code to 1

```
setCodeParam("MICROQR","Minlen","1")
```

### 30.3 Set Maximum Length

Parameters:

**codeId:** "MICROQR"

**property:** "Maxlen"

**value:** "1" - "35" (default: 35)

Example: Set the minimum length of Micro QR Code to 35

```
setCodeParam("MICROQR","Maxlen","35")
```



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