Programming Quick Guide

DFR0314 Barcode Reader

Factory Default Settings

Function	Default
Interface	Keyboard Mode
Reading Mode	GoodReadOFF
RS232 BAUD Rate	9600
Data Bits	8 Data Bits
Stop Bits	1 Bit
Handshaking	RTS/CTS Disable
Keyboard Wedge Mode	IBM PC/AT, PS/2
Output Characters Terminator	CR+LF
Time-out Between Characters	0 ms
Symbologies	UPC-A UPC-E EAN-13/JAN-13 EAN-8/JAN-8 CODE 39 CODE 128 CODABAR/NW7 Interleave 25
Language	US English
Bar Code ID	OFF
Reading Level	Bar Equals Low
Accuracy	1 Time
Buzzer Beep Tone	High
Sensitivity of Continuous	Fast
Notebook Function	Disable
Reverse Output Characters	Disable

Set All Defaults

%$+/ 2

Version Information

%$+/ 5

Symbologies Selection

UPC-A <ON>

%0A44

UPC-E <ON>

%0BO8

EAN-13/JAN-13/ISBN-13 <ON>

%0A22

EAN-8/JAN-8 <ON>

%0A11

CODE 39 <ON>

%0EO8

CODE 128 <ON>

%0FO8

CODABAR/NW7 <ON>

%0JO8

Interleaved 2 of 5 <ON>

%0GO8

UPC-A OFF

%0A40

UPC-E OFF

%0BO0

EAN-13/JAN-13/ISBN-13 OFF

%0A20

EAN-8/JAN-8 OFF

%0A10

CODE 39 OFF

%0EO0

CODE 128 OFF

%0FO0

CODABAR/NW7 OFF

%0JO0

Interleaved 2 of 5 OFF

%0GO0

CODE 93 ON

%0KO8

China Postage ON

%0MO8

Telepen ON

%0TO8

GS1 DataBar Omnidirectional ON

%0UO8

GS1 DataBar Limited ON

%0VO8

GS1 DataBar Expanded ON

%0WO8

Select All Bar Codes

%1A/ +

CODE 93 <OFF>

%0KO0

China Postage <OFF>

%0MO0

Telepen <OFF>

%0TO0

GS1 DataBar Omnidirectional <OFF>

%0UO0

GS1 DataBar Limited <OFF>

%0VO0
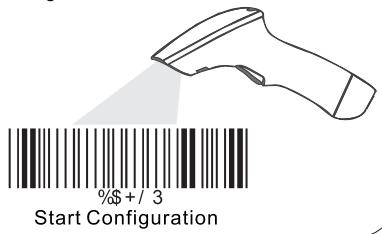
GS1 DataBar Expanded <OFF>

%0WO0

Configuaration Flow Chart

① Scan Start of Configuration.
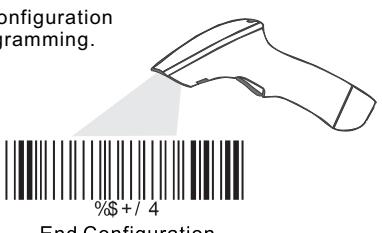
```
%$+/ 3
```
Start Configuration

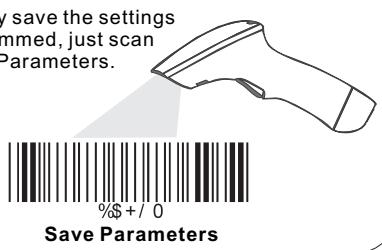② Scan all necessary labels for parameters that meet applications.

Interface Selection
RS232 Mode Parameters
Reading Mode Selection
Symbologies Selection

③ Scan End of Configuration to end the programming.

```
%$+/ 4
```
End Configuration

④ To permanently save the settings by your programmed, just scan label for Save Parameters.

```
%$+/ 0
```
Save Parameters

Interface Selection

<Keyboard Mode>
```
%0 0 U0
```

RS232 Mode
```
%0 0 U8
```

USB Mode
```
%0 XO8
```

Reading Mode Selection

<Good Read OFF>
```
%0 2 7 1
```

Continuous/Trigger OFF
```
%0 2 7 2
```

Continuous/Auto Power On
```
%0 2 7 3
```

Flash/Auto Power On
```
%0 2 7 6
```

Trigger ON/OFF
```
%0 2 7 0
```

Testing
```
%0 2 7 5
```

Flash
```
%0 2 7 4
```

Auto Sense (Option)
```
%0 9 F 8
```

Select Terminator

<CR+LF>
```
%7 S2 +
```

CR
```
%7 S0 +
```

Space
```
%7 S4 +
```

STX-ETX
```
%7 S5 +
```

None
```
%7 S7 +
```

LF
```
%7 S1 +
```

HT(TAB)
```
%7 S3 +
```

RS232 Mode Parameters

A> Set Up BAUD Rate
1200
```
%0 Y71
```

4800
```
%0 Y73
```

19200
```
%0 Y74
```

2400
```
%0 Y72
```

<9600>
```
%0 Y77
```

38400
```
%0 Y75
```

B> Set Up Data Bits
7 Data Bits
```
%0 Y80
```

<8 Data Bits>
```
%0 Y88
```

C> Set Up Stop Bits
<1 Bit>
```
%0 YO8
```

2 Bits
```
%0 YO0
```

D> Set Up Parity
<None>
```
%0 YN7
```

Odd
```
%0 YN3
```

Space
```
%0 YN0
```

Even
```
%0 YN2
```

Mark
```
%0 YN1
```

E> Handshaking
RTS/CTS Enable
```
%0 188
```

ACK/NAKEnable
```
%0 144
```

XON/XOFF Enable
```
%0 3 K4
```

<RTS/CTS Disable>
```
%0 180
```

<ACK/NAK Disable>
```
%0 140
```

<XON/XOFF Disable>
```
%0 3 K0
```