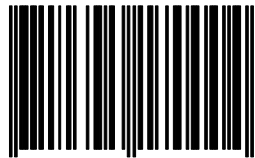
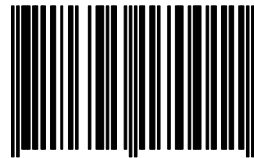


**IBM FIXED POS SCANNER (DEFAULT)**



72

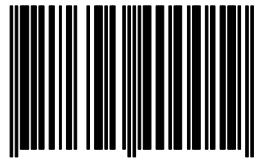
**IBM HANDHELD SCANNER EMULATION**



73

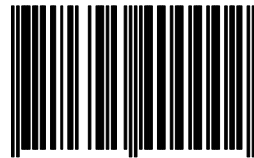
# KEYBOARD EMULATION PARAMETERS

**KEYBOARD TYPE PC/ AT (DEFAULT)**



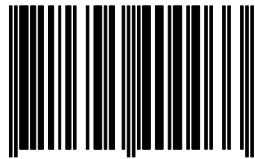
76

**KEYBOARD TYPE PC/ XT**



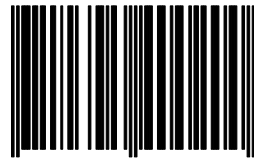
77

**KEYBOARD TYPE IBM 347x**



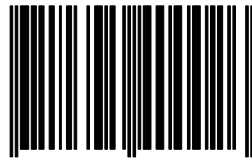
78

**KEYBOARD TYPE IBM 3179**



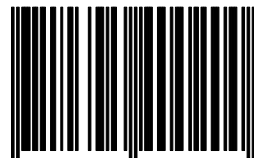
79

**KEYBOARD TYPE PS/ 2**



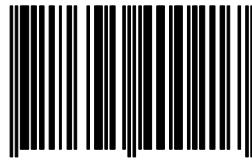
80

**INTERNATIONAL KEYBOARD TYPE  
(ALT METHOD) (DEFAULT)**



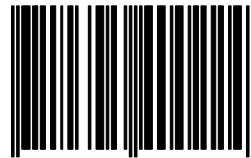
81

**US KEYBOARD**



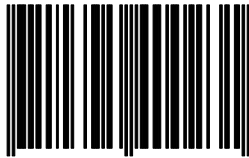
82

**UK KEYBOARD**



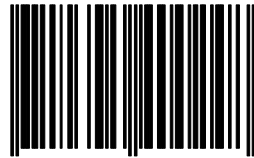
83

**RESERVE 1**



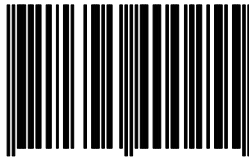
84

**RESERVE 2**



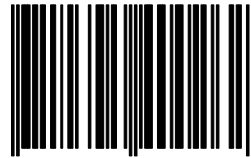
85

**RESERVE 3**



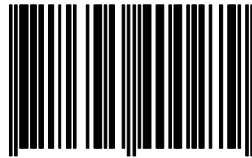
86

**RESERVE 4**



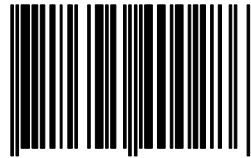
87

**RESERVE 5**



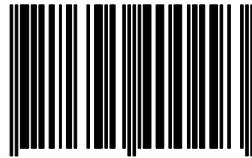
88

**RESERVE 6**



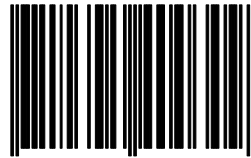
89

**RESERVE 7**



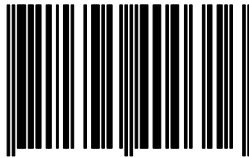
90

**RESERVE 8**



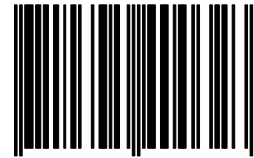
91

**RESERVE 9**



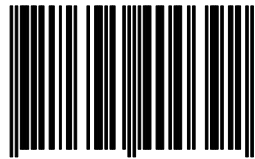
92

**RESERVE 10**



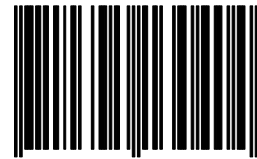
93

**USER DEFINED KEYBOARD**



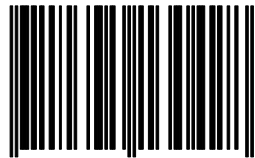
94

**INTER CHARACTER DELAY 0mSec**



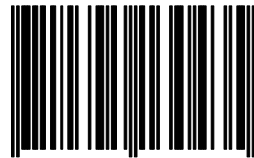
95

**INTER CHARACTER DELAY 2mSec (DEFAULT)**



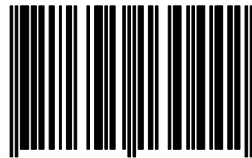
96

**INTER CHARACTER DELAY 5mSec**



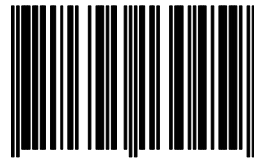
97

**INTER CHARACTER DELAY 10mSec**



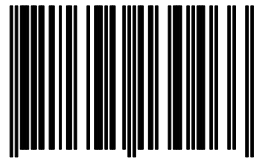
98

**INTER CHARACTER DELAY 20mSec**



99

**INTER CHARACTER DELAY 50mSec**

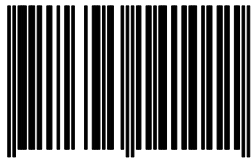


100

**DECODING  
PARAMETERS**

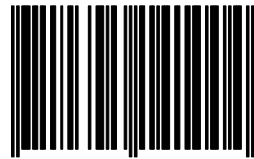
## BAR CODE TYPE SELECTION

**EAN/ UPC ON + ADDON OFF (DEFAULT)**



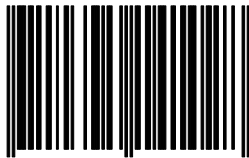
104

**EAN/ UPC OFF**



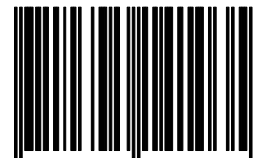
105

**EAN/ UPC ON + ADDON ON**



106

**EAN/ UPC ON + ADDON MANDATORY ON  
(FOR 379/ 434/ 439/ 529/ 977)**



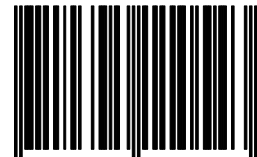
**Please note that after this code is scanned, bar codes starting with 379, 434, 439, 529, or 977 will only be**

107

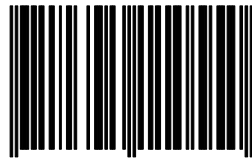
**accepted including AddOn. If no AddOn has been found, the bar code will not be accepted.**

**Bar codes starting with different characters are accepted with or without AddOn.**

**UPC-E FORMAT UPC-E TO UPC-A EXPANSION= OFF  
(DEFAULT)**

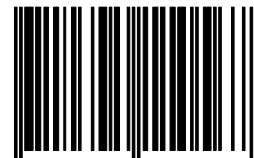


**UPC-E FORMAT UPC-E TO UPC-A EXPANSION= ON**



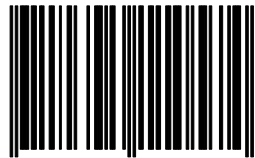
110

**UPC-A FORMAT TRANSMITTED AS UPC-A (12 DIGITS)  
(DEFAULT)**



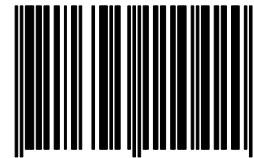
111

**UPC-A FORMAT TRANSMITTED AS EAN-13**



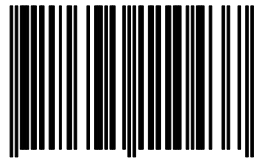
112

**UPC-E FORMAT WITHOUT LEADING ZERO (DEFAULT)**



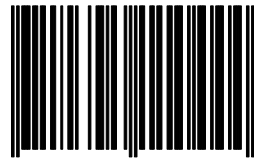
113

**UPC-E FORMAT WITH LEADING ZERO**



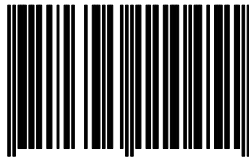
114

**UPC-E FORMAT WITHOUT CHECK DIGIT**



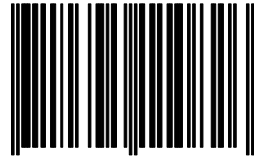
115

**UPC-E FORMAT WITH CHECK DIGIT  
(DEFAULT)**



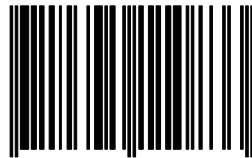
116

**TRANSMIT EAN-8 CHECK DIGIT ON (DEFAULT)**



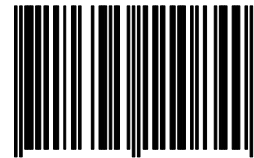
117

**TRANSMIT EAN-8 CHECK DIGIT OFF**



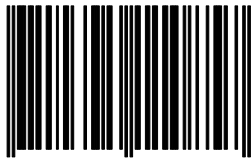
118

**TRANSMIT EAN-13 CHECK DIGIT ON (DEFAULT)**



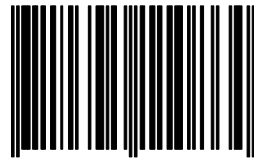
119

**TRANSMIT EAN-13 CHECK DIGIT OFF**



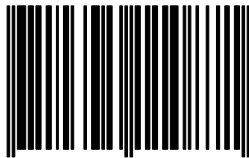
120

**TRANSMIT UPC-A CHECK DIGIT ON (DEFAULT)**



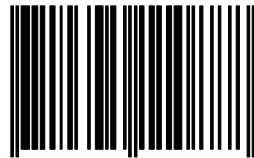
121

**TRANSMIT UPC-A CHECK DIGIT OFF**



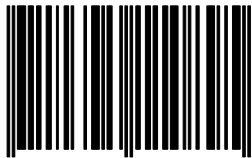
122

**EXPAND EAN-8 TO UPC-A ON**



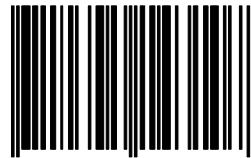
123

**EXPAND EAN-8 TO UPC-A OFF (DEFAULT)**



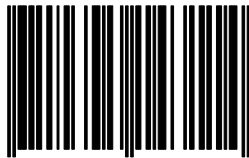
124

**CODE 128/ EAN 128 ON**



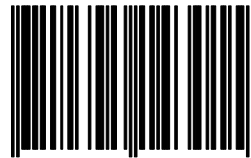
125

**CODE 128/ EAN 128 OFF (DEFAULT)**



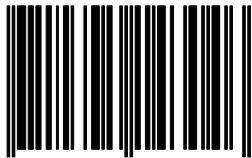
126

**CODE 39 ON**



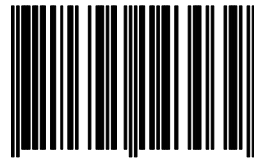
127

**CODE 39 FULL ASCII ON**



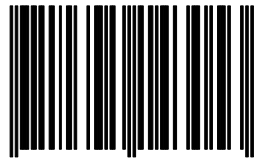
128

**CODE 32 ON**



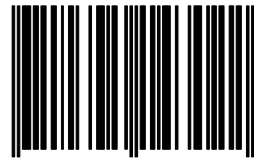
129

**CODE 39/ CODE 32 OFF (DEFAULT)**



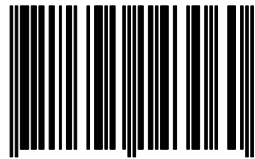
130

**CODABAR ON**



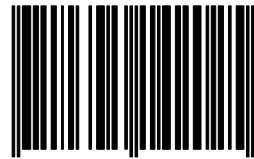
131

**CODABAR OFF (DEFAULT)**



132

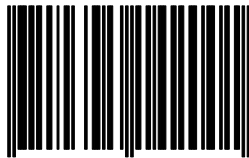
**INTERLEAVED 2/ 5 ON**



Please refer to ITF 2/ 5 length settings to select a minimum code length.

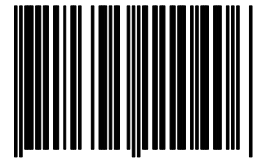
133

**INTERLEAVED 2/ 5 OFF (DEFAULT)**



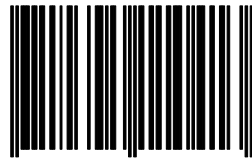
134

**BARCODE IDENTIFIER DISABLE (DEFAULT)**



135

**BARCODE IDENTIFIER ENABLE**



136

**INTERLEAVED 2/ 5 LENGTH  
SETTINGS**

### **How to set min. length interleaved 2/ 5**

The steps of setting min. length interleaved are as follows:

Enter programming mode, page 10.



Set min. length interleaved 2/ 5, page 139.

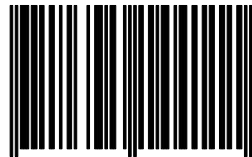


Change length settings by scanning code, page 140~147

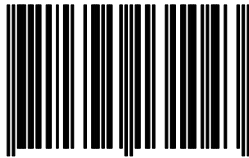


Exit programming mode, back cover.

### **SET MIN. LENGTH INTERLEAVED 2/ 5**

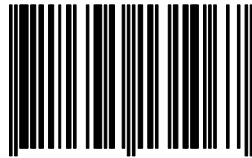


**LENGTH = 4**



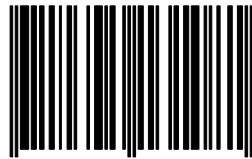
140

**LENGTH = 6**



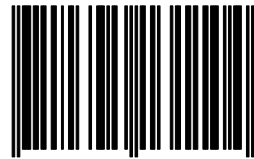
141

**LENGTH = 8 (DEFAULT)**



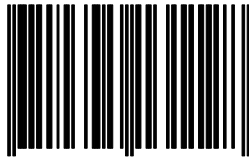
142

**LENGTH = 10**



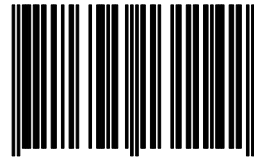
143

**LENGTH = 12**



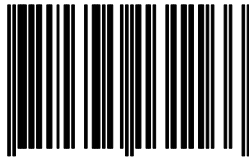
144

**LENGTH = 14**



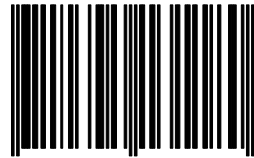
145

**LENGTH = 16**



146

**LENGTH = 18**



147

## DATA FORMATTING