



Manual



LS6300

Laser Barcode Scanner

Version: 30/04/2013

Introduction

The Symcod LS6300 is an affordable scanner solution for operation management. Always looking for reliable and economical solution, this model has been specially selected by Symcod for its excellent value for money. Recommended for light industrial operation, it is design without mechanical moving parts which is an asset.

Examples of uses

- Time & attendance
- Inventory management
- Document tracking and more

Characteristic

- Built-in 1D laser engine, no moving parts
- Multi-selection for different use
- High resolution up to 4 mils
- Multi-interface



USB



RS-232

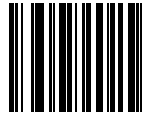
Programming guide

1. Use the cable required for the selected interface
2. Connect the cable to the device
3. Scan the « Default » code to reset the scanner to the factory configuration.
4. Go to « **OUTPUT MODE** » section
5. **USB** configuration, scan code under : “**OUTPUT MODE – KEYBOARD / USB**”
6. **RS-232** configuration, scan code under : “**OUTPUT MODE – SERIAL RS232**”



Reading angle have to be different than 90°

RESET CONFIGURATION TO DEFAULTS



OUTPUT MODE –
KEYBOARD / USB



OUTPUT
MODE

OUTPUT MODE –
SERIAL RS232

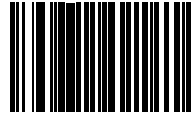


OUTPUT MODE – WAND



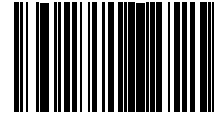
Multi-Interface Functions – 1

GOOD READ BEEP TONE
NONE



**BUZZER /
LED**

GOOD READ BEEP TONE
RESET

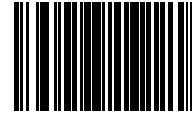


DECODE OPTIONS REVERSE IMAGE –
ENABLE

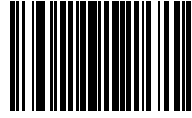


IMAGE

DECODE OPTIONS REVERSE IMAGE
DISABLE

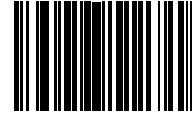


DECODE OPTIONS SEND BAR CODE ID -
DISABLE

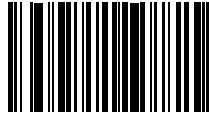


CODE ID

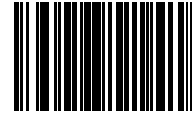
DECODE OPTIONS SEND BAR CODE
ID – AS A PREFIX



DECODE OPTIONS SEND BAR CODE ID -
RESET



DECODE OPTIONS SEND BAR CODE
ID – AS A SUFFIX



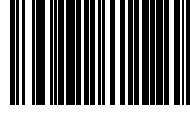
Multi-Interface Functions – 2

READING
MODE

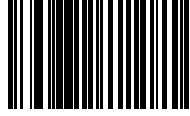
SCAN MODE
SINGLE SCAN



SCAN MODE – SINGLE SCAN NO
TRIGGER



SCAN MODE – MULTISCAN



SCAN MODE – MULTISCAN
NO TRIGGER



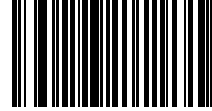
SCAN MODE - PULSE



LASER/CCD TIMEOUT
5 SECONDS



LASER/CCD TIMEOUT
2 SECONDS



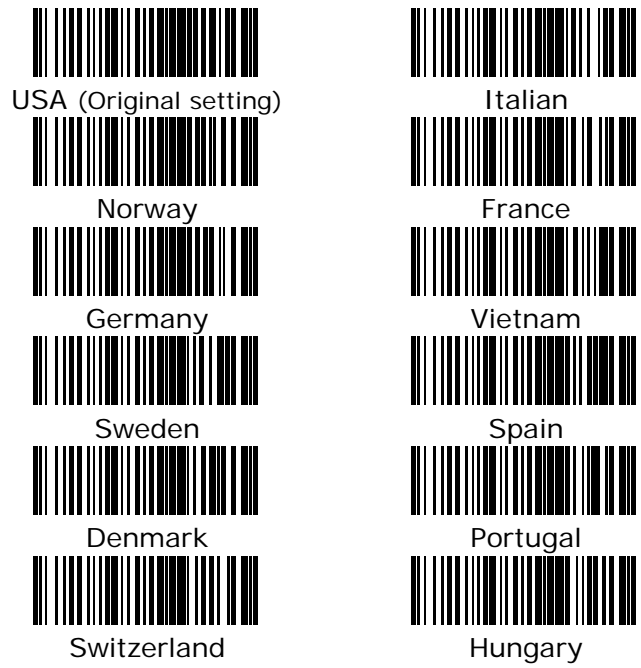
LASER/CCD PULSE RATE - 7



LASER/CCD PULSE RATE - 3



Keyboard Language

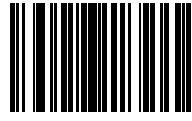


*As a general rule, the following characters are not supported by the scanner for countries other than United States:

@ | \$ # { } [] = / ' \ < > ~

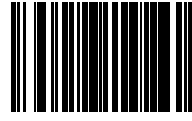
Symbologies On/Off - 1

CODE 11 - ENABLE

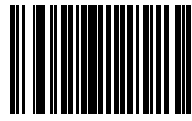


CODE 11

CODE 11 - DISABLE

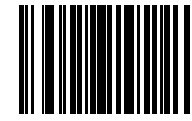


CODE 39 ENABLE

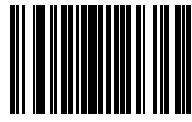


CODE 39

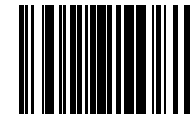
CODE 39 DISABLE



FULL ASCII ENABLE



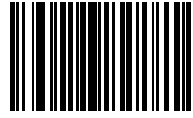
FULL ASCII DISABLE



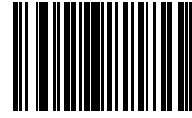
Symbologies On/Off - 2

CODE 93

CODE 93 - ENABLE

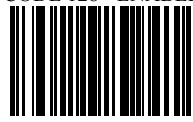


CODE 93 - DISABLE

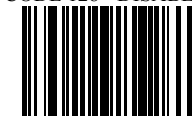


CODE 128

CODE 128 - ENABLE



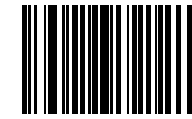
CODE 128 - DISABLE



CODE 128 ISBT - ENABLE

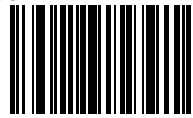


CODE 128 ISBT - DISABLE

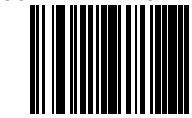


CODABAR

CODABAR - ENABLE



CODABAR - DISABLE



**INTERLEAVE
2 OF 5**

I2OF5 - ENABLE

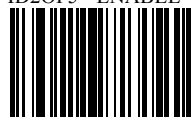


I2OF5 - DISABLE



INDUSTRIAL 2 OF 5

ID2OF5 - ENABLE



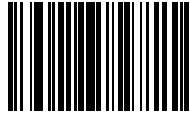
ID2OF5 - DISABLE



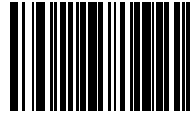
Symbologies On/Off - 3

MSI

MSI - ENABLE

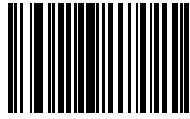


MSI - DISABLE

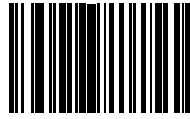


UPC/EAN

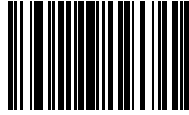
UPC-A ENABLE



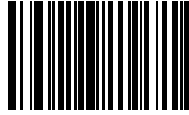
UPC-A DISABLE



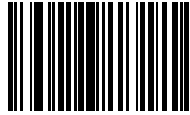
UPC-E ENABLE



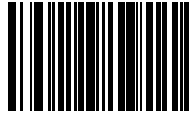
UPC-E DISABLE



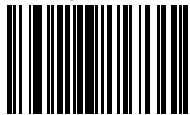
EAN-13 ENABLE



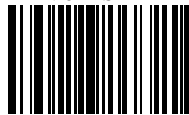
EAN-13 DISABLE



EAN-8 ENABLE



EAN-8 DISABLE



Symbologies Set Up - 1

CODE 11

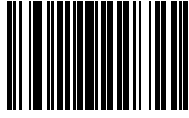
CODE 11 ID CHARACTER – “m”



CODE 11 ID CHARACTER – “Z”



CODE 11 DOUBLE CHECK
ENABLE

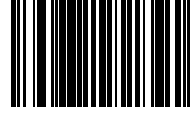


CODE 11 DOUBLE CHECK
DISABLE

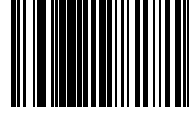


CODE 39

CODE 39 SS CHAR - NONE



CODE 39 SS CHAR '+'



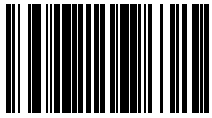
CODE 39 SEND START/STOP
CHARS ENABLE



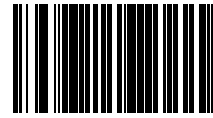
CODE 39 SEND START/STOP
CHARS DISABLE



CODE 39 ID CHARACTER ‘a’



CODE 39 ID CHARACTER ‘Z’



CODE 39 DOUBLE CHECK
ENABLE



CODE 39 DOUBLE CHECK
DISABLE



Symbologies Set Up – 2

CODE 93

CODE 93 ID CHARACTER – “h”



CODE 93 ID CHARACTER – “Z”



CODE 93 DOUBLE CHECK - ENABLE



CODE 93 DOUBLE CHECK - DISABLE



CODE 128

CODE 128 ID CHARACTER – ‘g’



CODE128 ID CHARACTER - ‘Z’



CODE 128 DOUBLE CHECK
ENABLE

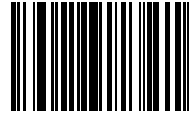


CODE 128 DOUBLE CHECK
DISABLE

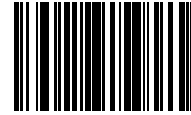


CODABAR

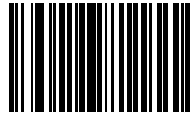
CODABAR SEND START/STOP
CHARS - ENABLE



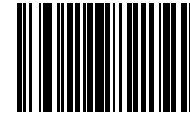
CODABAR SEND START/STOP
CHARS - DISABLE



CODABAR WIDE GAPS
ALLOWED - ENABLE

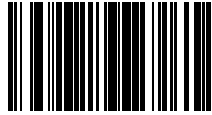


CODABAR WIDE GAPS
ALLOWED - DISABLE



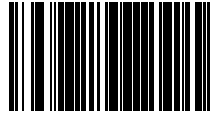
Symbologies Set Up – 3

CODABAR ID CHARACTER - 'k'

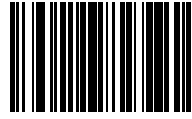


CODABAR

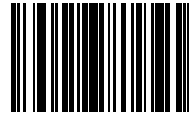
CODABAR ID CHARACTER - 'Z'



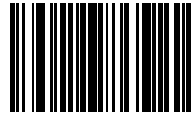
CODABAR DOUBLE CHECK - ENABLE



CODABAR DOUBLE CHECK -
DISABLE

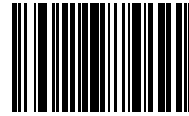


I2OF5 CHECK DIGIT - DISABLE

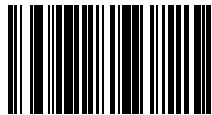


Interleave 2 of 5

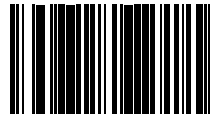
I2OF5 CHECK DIGIT - ENABLE



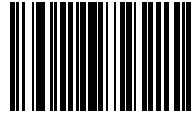
I2OF5 ID CHARACTER - 'i'



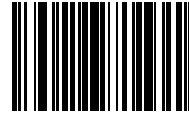
I2OF5 ID CHARACTER - 'Z'



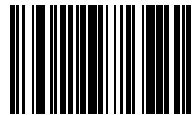
I2OF5 DOUBLE CHECK - ENABLE



I2OF5 DOUBLE CHECK - DISABLE

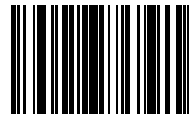


ID2OF5 BAR START/STOP - ENABLE



Industrial 2 of 5

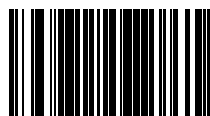
ID2OF5 BAR START/STOP - DISABLE



ID2OF5 ID CHARACTER - 'j'

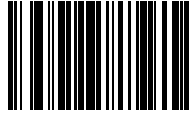


ID2OF5 ID CHARACTER - 'Z'

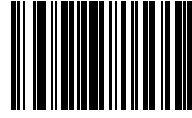


Symbologies Set Up – 4

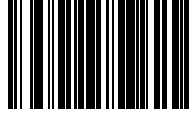
ID2OF5 DOUBLE CHECK - ENABLE



ID2OF5 DOUBLE CHECK - DISABLE

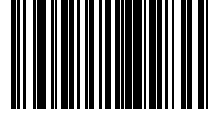


MSI CHECK DIGIT - MOD 10

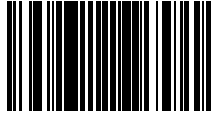


MSI

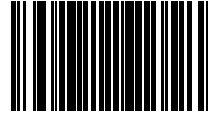
MSI CHECK DIGIT - RESET



MSI ISBN ID CHARACTER - 'F'



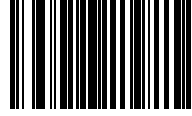
MSI ISBN ID CHARACTER - 'Z'



MSI DOUBLE CHECK - ENABLE



MSI DOUBLE CHECK - DISABLE



EXPAND UPC-E TO UPC-A ENABLE

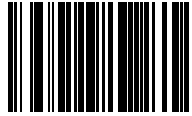


UPC/EAN

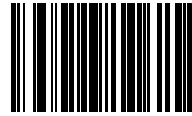
EXPAND UPC-E TO UPC-A DISABLE



EXPAND UPC-A TO EAN-13 ENABLE



EXPAND UPC-A TO EAN-13 DISABLE



CONVERT EAN-13 TO ISBN ENABLE

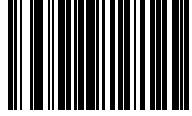


CONVERT EAN-13 TO ISBN DISABLE



Symbologies Set Up – 5

SEND UPC-A CHECK DIGIT ENABLE



SEND UPC-A CHECK DIGIT DISABLE



SEND UPC-E CHECK DIGIT ENABLE



SEND UPC-E CHECK DIGIT DISABLE



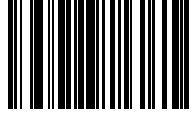
SEND EAN-13 CHECK DIGIT ENABLE



SEND EAN-13 CHECK DIGIT DISABLE



SEND EAN-8 CHECK DIGIT ENABLE



SEND EAN-8 CHECK DIGIT DISABLE



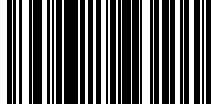
UPC-A ID CHARACTER 'b'



UPC-A ID CHARACTER 'Z'



UPC-E ID CHARACTER 'c'



UPC-E ID CHARACTER 'Z'



EAN-13 ID CHARACTER 'e'

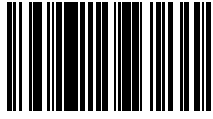


EAN-13 ID CHARACTER 'Z'



Symbologies Set Up – 6

EAN-8 ID CHARACTER 'd'



UPC/EAN

EAN-8 ID CHARACTER 'Z'



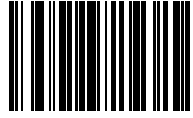
ISBN ID CHARACTER 'f'



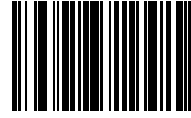
ISBN ID CHARACTER 'Z'



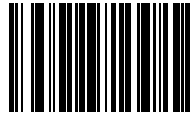
UPC/EAN SUPPLEMENTS
DISABLE



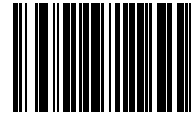
UPC/EAN SUPPLEMENTS
2 DIGIT ONLY



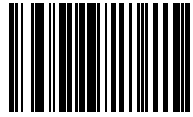
UPC/EAN SUPPLEMENTS
5 DIGIT ONLY



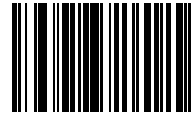
UPC/EAN SUPPLEMENTS
2 & 5 DIGIT



UPC/EAN DOUBLE CHECK
ENABLE



UPC/EAN DOUBLE CHECK<>
DISABLE

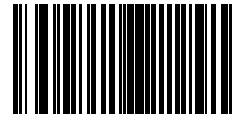


EDIT SETUP BAR CODES

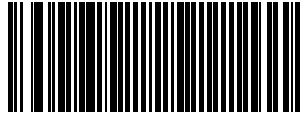
EDIT #1 – STRIP 1 LEADING CHARACTER
ON ALL BAR CODES THAT START WITH
'12345'



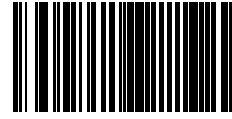
EDIT #1 - OFF



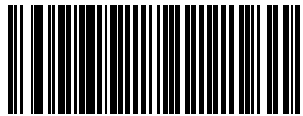
EDIT #2 – STRIP 1 TRAILING CHARACTER



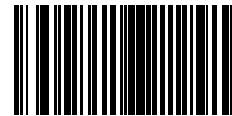
EDIT #2 – OFF



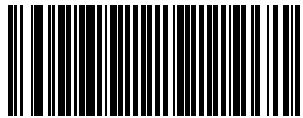
EDIT #1 – FILTER LEADING SPACES



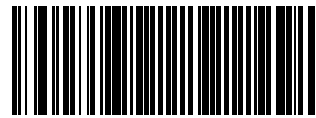
EDIT #1 - OFF



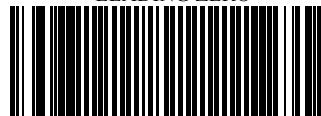
EDIT – FILTER ALL '-' CHARACTERS



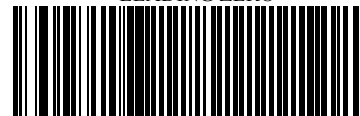
EDIT – DISABLE FILTER OF
ALL '-' CHARS



EDIT – INSERT
LEADING ZERO



EDIT – DISABLE INSERT
LEADING ZERO



MACRO/SPECIAL KEYS SETUP BAR CODES

MACRO #1 – FIND '1' AND REPLACE
WITH 'ONE'



MACRO #1 - DISABLED



MACRO #2 – FIND '2' AND REPLACE
WITH 'TWO' FOR CODE 39 ONLY



MACRO #2 - DISABLED



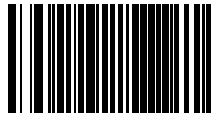
MACRO – FIND '0' AND
REPLACE WITH 'A'



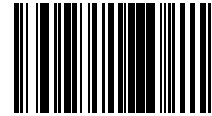
MACRO – FIND '0' AND REPLACE
WITH 'A' - DISABLE



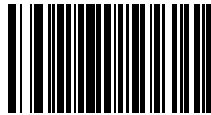
SPECIAL KEY –MAP F3 TO '0'



SPECIAL KEY – DISABLE F3
KEY MAPPING



SPECIAL KEY – MAP KEYPAD
ENTER TO '2'

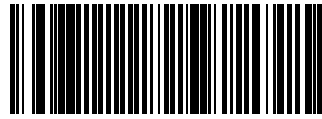


SPECIAL KEY – DISABLE KEYPAD
ENTER MAPPING

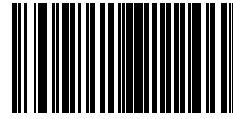


TERMINATION STRING SETUP BAR CODES

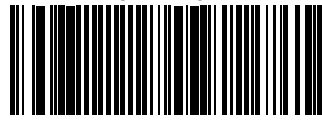
STRING #1 - TERMINATION
CHAR - CR



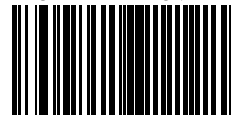
STRING #1 - DISABLE



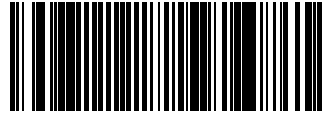
STRING #2 - CODE 128 TERMINATION
CHAR - CR



STRING #2 - CODE 128 TERMINATION
CHAR - REMOVED



STRING - CODE 39 TERMINATION
CHAR - TAB



STRING - CODE 39 TERMINATION CHAR
- TAB - REMOVED

