



## **Manuel**



# **LS6300**

**Lecteur de code-barres laser**

**Version: 30/04/2013**

# Introduction

Le lecteur laser Symcod LS6300 est une solution très abordable pour la gestion de vos opérations. Toujours à la recherche de solutions fiables et économiques, ce modèle a été spécialement sélectionné par Symcod pour son excellent rapport qualité/prix. Recommandé pour les opérations industriel léger, sa fabrication sans pièces mécaniques mobiles est un atout.

## Exemples d'utilisations

- Gestion de temps et présences
- Gestion d'inventaire
- Gestion de documents

## Caractéristique

- Lecteur laser 1D sans moteur
- Pas de pièces mécaniques mobiles
- Haute résolution jusqu'à 4 mils
- Multi-interfaces



USB



RS-232

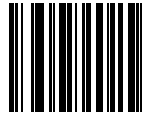
### Guide de programmation

1. Utiliser le câble requis selon l'interface choisie.
2. Brancher le câble sur le périphérique.
3. Lire le code « Default » code pour remettre la configuration d'origine.
4. Aller à la section « **OUTPUT MODE** »
5. Configuration **USB**, scanner le code sous : “**OUTPUT MODE – KEYBOARD / USB**”
6. Configuration **RS-232**, scanner le code sous : “**OUTPUT MODE – SERIAL RS232**”



L'angle de lecture doit être différente de 90°

RESET CONFIGURATION TO DEFAULTS



OUTPUT MODE –  
KEYBOARD / USB



OUTPUT  
MODE

OUTPUT MODE –  
SERIAL RS232

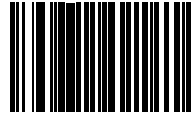


OUTPUT MODE – WAND



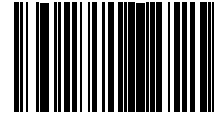
**Multi-Interface Functions – 1**

GOOD READ BEEP TONE  
NONE



**BUZZER /  
LED**

GOOD READ BEEP TONE  
RESET

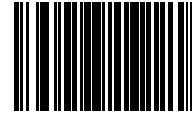


DECODE OPTIONS REVERSE IMAGE –  
ENABLE

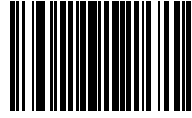


**IMAGE**

DECODE OPTIONS REVERSE IMAGE  
DISABLE

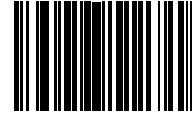


DECODE OPTIONS SEND BAR CODE ID -  
DISABLE

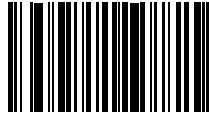


**CODE ID**

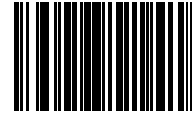
DECODE OPTIONS SEND BAR CODE  
ID – AS A PREFIX



DECODE OPTIONS SEND BAR CODE ID -  
RESET



DECODE OPTIONS SEND BAR CODE  
ID – AS A SUFFIX



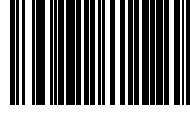
Multi-Interface Functions – 2

READING  
MODE

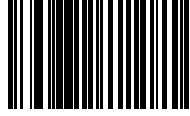
SCAN MODE  
SINGLE SCAN



SCAN MODE – SINGLE SCAN NO  
TRIGGER



SCAN MODE – MULTISCAN



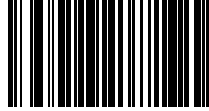
SCAN MODE – MULTISCAN  
NO TRIGGER



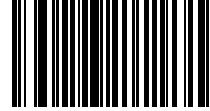
SCAN MODE - PULSE



LASER/CCD TIMEOUT  
5 SECONDS



LASER/CCD TIMEOUT  
2 SECONDS



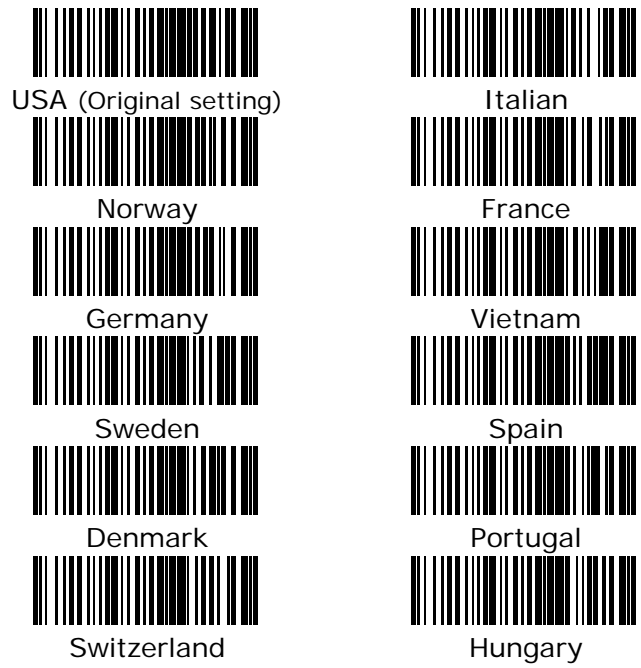
LASER/CCD PULSE RATE - 7



LASER/CCD PULSE RATE - 3



### Keyboard Language

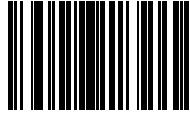


\*As a general rule, the following characters are not supported by the scanner for countries other than United States:

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

Symbologies On/Off - 1

CODE 11 - ENABLE

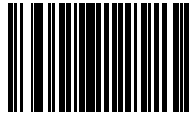


CODE 11

CODE 11 - DISABLE

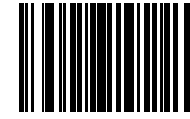


CODE 39 ENABLE



CODE 39

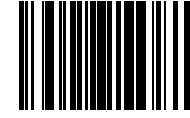
CODE 39 DISABLE



FULL ASCII ENABLE



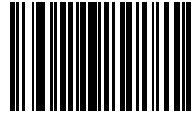
FULL ASCII DISABLE



**Symbologies On/Off - 2**

**CODE 93**

CODE 93 - ENABLE

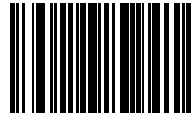


CODE 93 - DISABLE

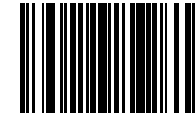


**CODE 128**

CODE 128 - ENABLE



CODE 128 - DISABLE



CODE 128 ISBT - ENABLE



CODE 128 ISBT - DISABLE



**CODABAR**

CODABAR - ENABLE

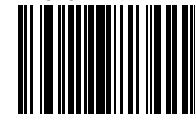


CODABAR - DISABLE

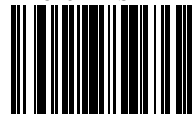


**INTERLEAVE  
2 OF 5**

I2OF5 - ENABLE

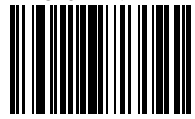


I2OF5 - DISABLE

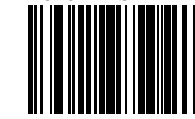


**INDUSTRIAL 2 OF 5**

ID2OF5 - ENABLE



ID2OF5 - DISABLE

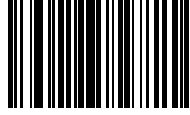




Symbologies On/Off - 3

MSI

MSI - ENABLE

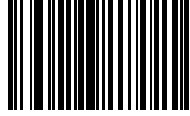


MSI - DISABLE

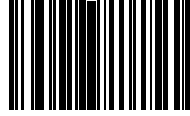


UPC/EAN

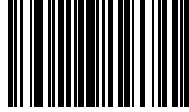
UPC-A ENABLE



UPC-A DISABLE



UPC-E ENABLE



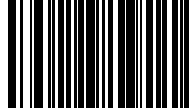
UPC-E DISABLE



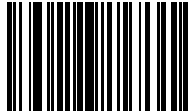
EAN-13 ENABLE



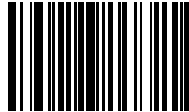
EAN-13 DISABLE



EAN-8 ENABLE



EAN-8 DISABLE



# Symbologies Set Up - 1

## CODE 11

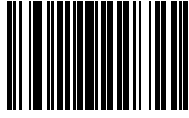
CODE 11 ID CHARACTER – “m”



CODE 11 ID CHARACTER – “Z”



CODE 11 DOUBLE CHECK  
ENABLE

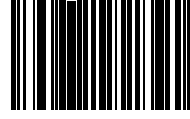


CODE 11 DOUBLE CHECK  
DISABLE

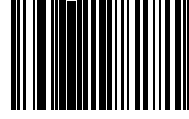


## CODE 39

CODE 39 SS CHAR - NONE



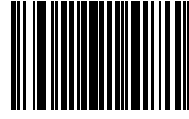
CODE 39 SS CHAR '+'



CODE 39 SEND START/STOP  
CHARS ENABLE



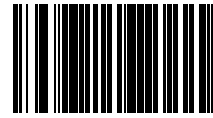
CODE 39 SEND START/STOP  
CHARS DISABLE



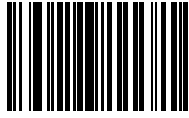
CODE 39 ID CHARACTER ‘a’



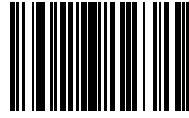
CODE 39 ID CHARACTER ‘Z’



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

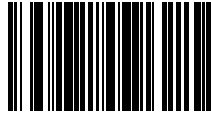


CODE 93 DOUBLE CHECK - DISABLE

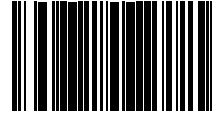


**CODE 128**

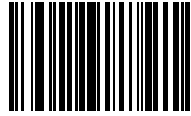
CODE 128 ID CHARACTER – ‘g’



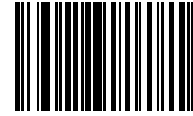
CODE128 ID CHARACTER - ‘Z’



CODE 128 DOUBLE CHECK  
ENABLE

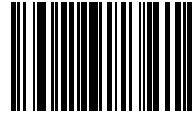


CODE 128 DOUBLE CHECK  
DISABLE

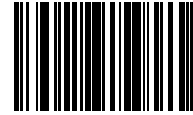


**CODABAR**

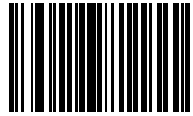
CODABAR SEND START/STOP  
CHARS - ENABLE



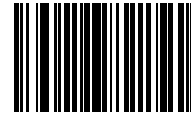
CODABAR SEND START/STOP  
CHARS - DISABLE



CODABAR WIDE GAPS  
ALLOWED - ENABLE

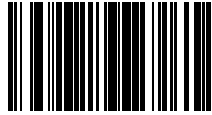


CODABAR WIDE GAPS  
ALLOWED - DISABLE



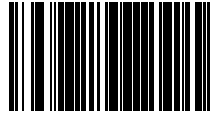
Symbologies Set Up – 3

CODABAR ID CHARACTER - 'k'

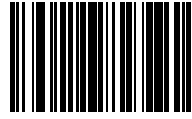


**CODABAR**

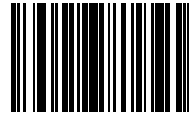
CODABAR ID CHARACTER - 'Z'



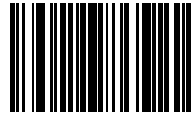
CODABAR DOUBLE CHECK - ENABLE



CODABAR DOUBLE CHECK -  
DISABLE

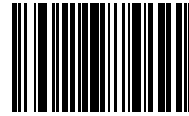


I2OF5 CHECK DIGIT - DISABLE

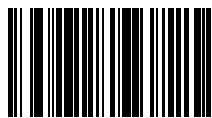


**Interleave 2 of 5**

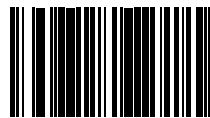
I2OF5 CHECK DIGIT - ENABLE



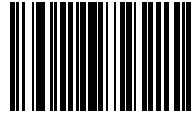
I2OF5 ID CHARACTER - 'i'



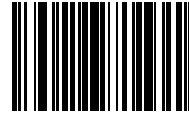
I2OF5 ID CHARACTER - 'Z'



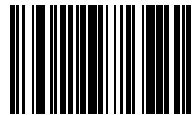
I2OF5 DOUBLE CHECK - ENABLE



I2OF5 DOUBLE CHECK - DISABLE

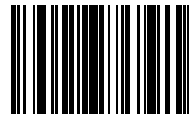


ID2OF5 BAR START/STOP - ENABLE



**Industrial 2 of 5**

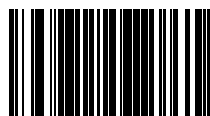
ID2OF5 BAR START/STOP - DISABLE



ID2OF5 ID CHARACTER - 'j'

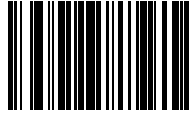


ID2OF5 ID CHARACTER - 'Z'

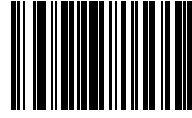


## Symbologies Set Up – 4

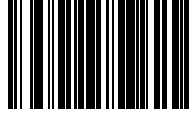
ID2OF5 DOUBLE CHECK - ENABLE



ID2OF5 DOUBLE CHECK - DISABLE

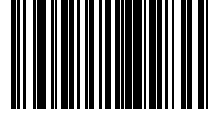


MSI CHECK DIGIT - MOD 10

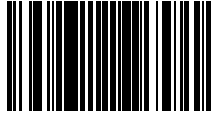


### MSI

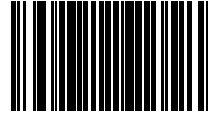
MSI CHECK DIGIT - RESET



MSI ISBN ID CHARACTER - 'F'



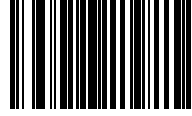
MSI ISBN ID CHARACTER - 'Z'



MSI DOUBLE CHECK - ENABLE



MSI DOUBLE CHECK - DISABLE



EXPAND UPC-E TO UPC-A ENABLE

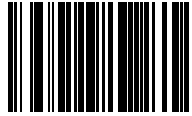


### UPC/EAN

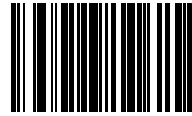
EXPAND UPC-E TO UPC-A DISABLE



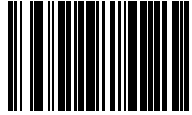
EXPAND UPC-A TO EAN-13 ENABLE



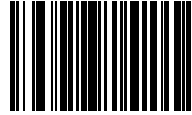
EXPAND UPC-A TO EAN-13 DISABLE



CONVERT EAN-13 TO ISBN ENABLE

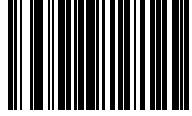


CONVERT EAN-13 TO ISBN DISABLE



## 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



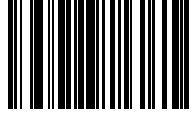
SEND EAN-13 CHECK DIGIT ENABLE



SEND EAN-13 CHECK DIGIT DISABLE



SEND EAN-8 CHECK DIGIT ENABLE



SEND EAN-8 CHECK DIGIT DISABLE



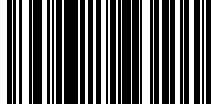
UPC-A ID CHARACTER 'b'



UPC-A ID CHARACTER 'Z'



UPC-E ID CHARACTER 'c'



UPC-E ID CHARACTER 'Z'



EAN-13 ID CHARACTER 'e'

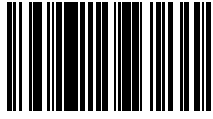


EAN-13 ID CHARACTER 'Z'



## Symbologies Set Up – 6

EAN-8 ID CHARACTER 'd'



UPC/EAN

EAN-8 ID CHARACTER 'Z'



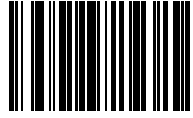
ISBN ID CHARACTER 'f'



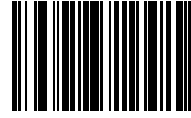
ISBN ID CHARACTER 'Z'



UPC/EAN SUPPLEMENTS  
DISABLE



UPC/EAN SUPPLEMENTS  
2 DIGIT ONLY



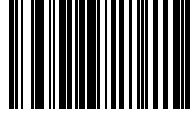
UPC/EAN SUPPLEMENTS  
5 DIGIT ONLY



UPC/EAN SUPPLEMENTS  
2 & 5 DIGIT



UPC/EAN DOUBLE CHECK  
ENABLE



UPC/EAN DOUBLE CHECK>  
DISABLE

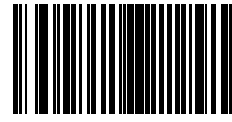


# EDIT SETUP BAR CODES

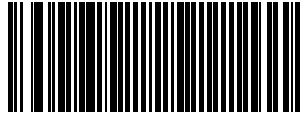
EDIT #1 – STRIP 1 LEADING CHARACTER  
ON ALL BAR CODES THAT START WITH  
'12345'



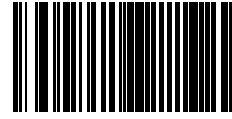
EDIT #1 - OFF



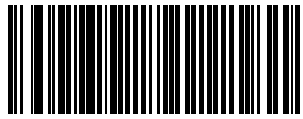
EDIT #2 – STRIP 1 TRAILING CHARACTER



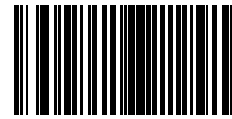
EDIT #2 – OFF



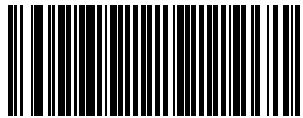
EDIT #1 – FILTER LEADING SPACES



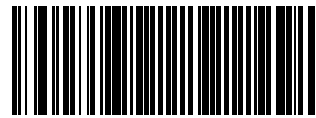
EDIT #1 - OFF



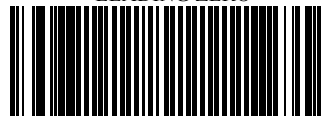
EDIT – FILTER ALL '-' CHARACTERS



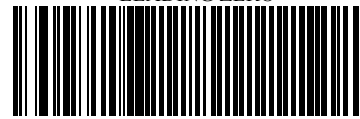
EDIT – DISABLE FILTER OF  
ALL '-' CHARS



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



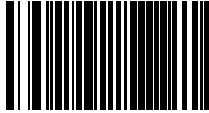
MACRO – FIND '0' AND  
REPLACE WITH 'A'



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



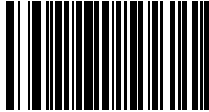
SPECIAL KEY –MAP F3 TO '0'



SPECIAL KEY – DISABLE F3  
KEY MAPPING



SPECIAL KEY – MAP KEYPAD  
ENTER TO '2'

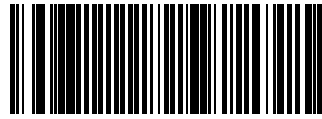


SPECIAL KEY – DISABLE KEYPAD  
ENTER MAPPING

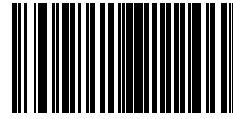


**TERMINATION STRING SETUP BAR CODES**

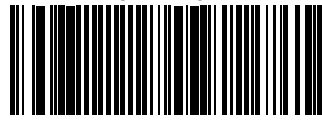
STRING #1 - TERMINATION  
CHAR - CR



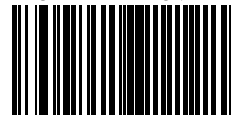
STRING #1 - DISABLE



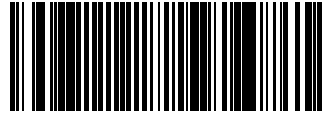
STRING #2 - CODE 128 TERMINATION  
CHAR - CR



STRING #2 - CODE 128 TERMINATION  
CHAR - REMOVED



STRING - CODE 39 TERMINATION  
CHAR - TAB



STRING - CODE 39 TERMINATION CHAR  
- TAB - REMOVED

