SCANNDY

smartScanndy
USER GUIDE

manufactured by:

advanced PANMOBIL® systems

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International support contact:

advanced PANMOBIL Systems GmbH & Co. KG
Hansestr. 91
51149 Cologne
Germany

Phone: +49 (0)22 03 10 334 777
Fax: +49 (0)22 03 10 334 720
E-Mail: Info@PANMOBIL.com
Web Address: www.PANMOBIL.com

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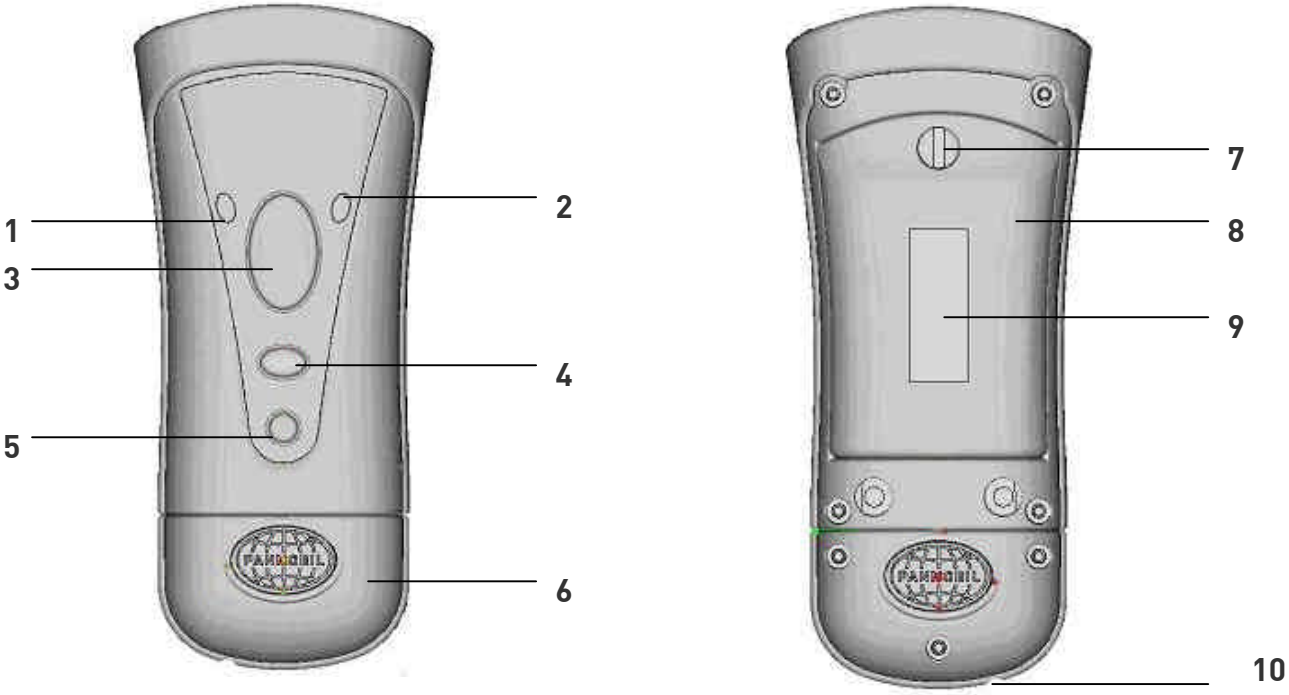
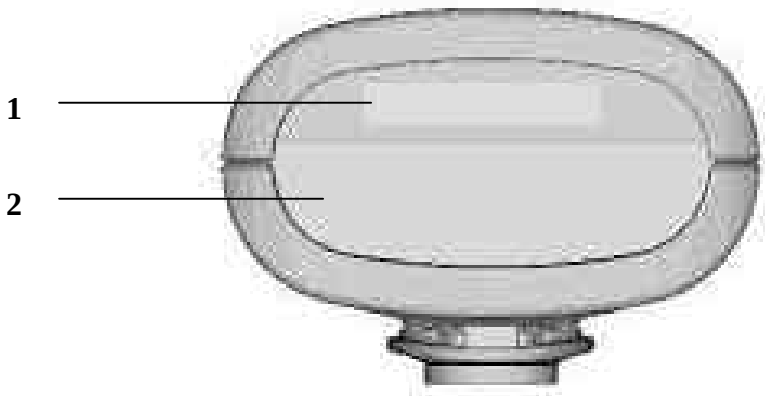
PRODUCT DESCRIPTION

smartSCANNDY mobile Data Collector



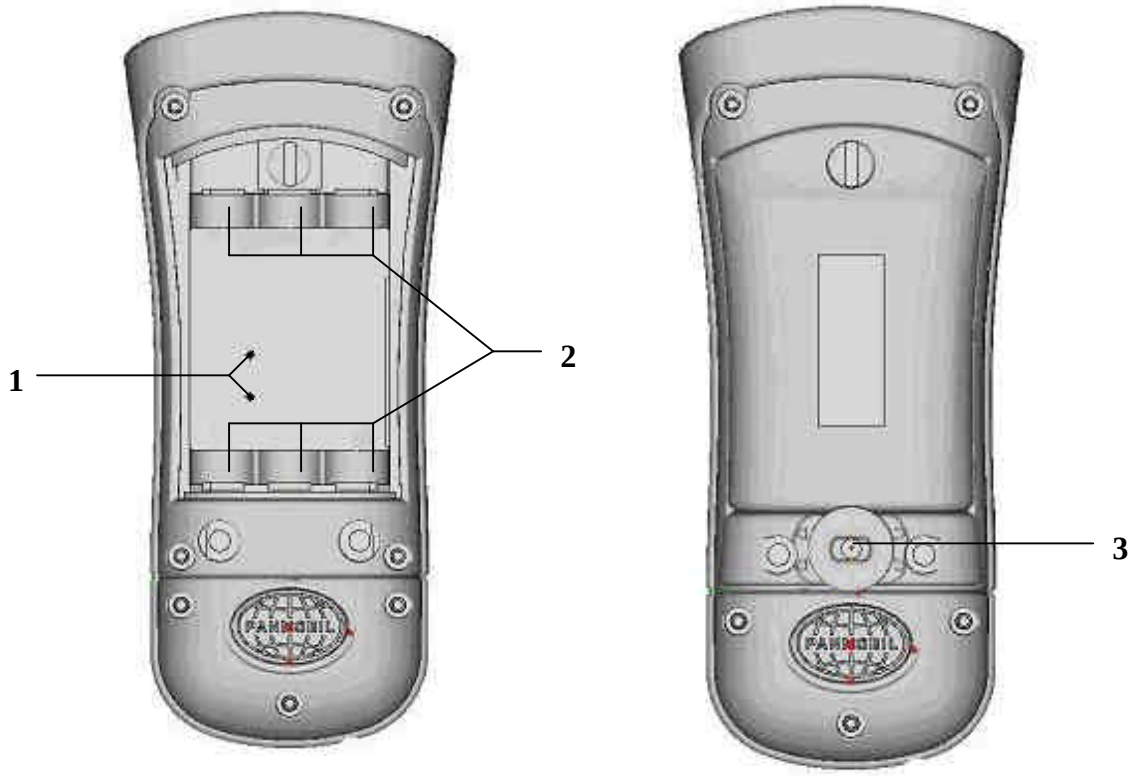
No.	Description	Function
1	Power LED (green)	Indicates green light when smartScanndy is powered ON
2	Bluetooth connection LED (blue) Scan LED	Indicates blue light when Bluetooth connection is established Indicates yellow light while trigger to read Barcode
3	Key 1 Laser Trigger key	Triggers the Laser Beam when pressed
4	Key 2 (free programmable)	Free programmable function key.
5	Power Key	SmartScanndy Power ON / OFF (press and hold for 3 seconds to power OFF the device)
6	Interface Cap	Interface protection Cap with Stylus
7	Battery Cover lock button	Turn the slot to vertical position to lock the cover Turn the slot to horizontal position to unlock the cover
8	Battery cover	Battery cover
9	Laser Class notification label	Notifies the user to not stare into the laser beam
10	Integrated Stylus	Stylus for touch screen control

No.	Description	Function
1	Stylus hide hole	Hides the stylus when the interface cap is attached in standard position
2	USB Interface	USB communication and charging interface
3	Interface cap lock clip	Locks the interface cap when attached



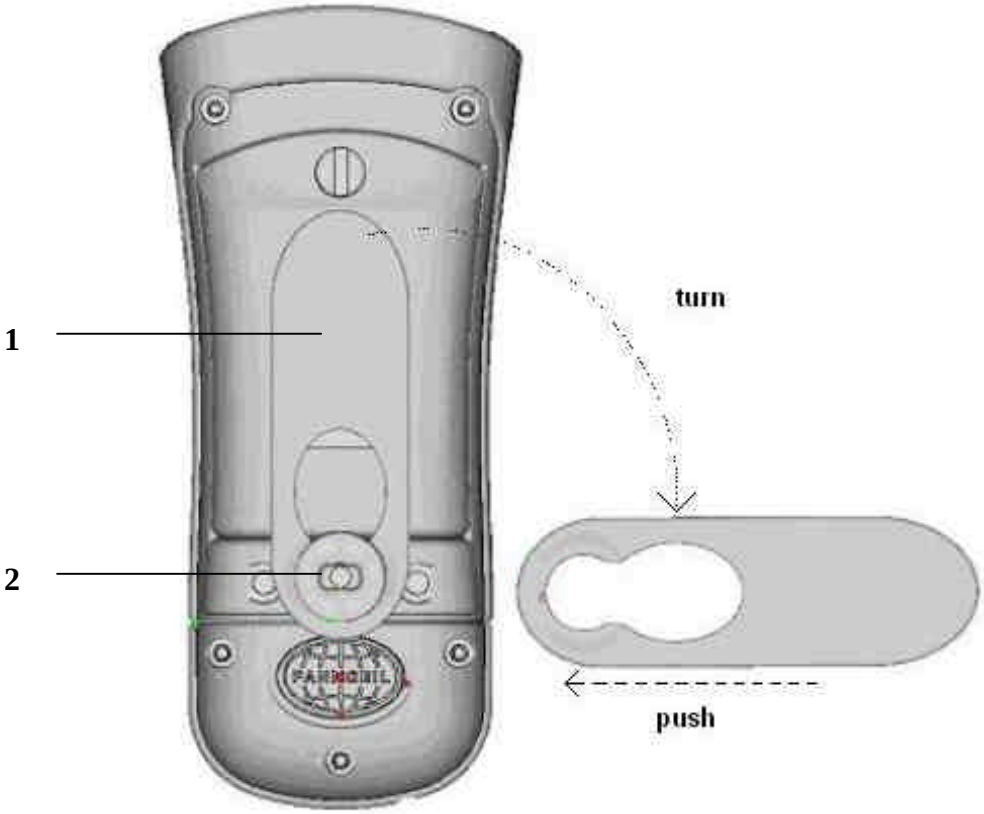
No.	Description	Function
1	Serial number label	Device serial number
2	Scanning window	Keep the scanning window clean to have best reading performance

SmartScanndy can be driven by two kinds of Batteries. As a standard smartScanndy will be delivered without batteries. To supply the device with power, simply insert 3 peaces of standard AAA Batteries into the device.
As an option PANMOBIL provides a rechargeable Li – Ion battery with internal charging circuit. The Li –Ion battery will be charged by USB power



No.	Description	Function
1	Lilon Battery charging contacts	Charging contacts for rechargeable li-ion battery
2	Battery contacts for standard AAA Batteries	Battery contacts when use with standard AAA Batteries
3	Belt Clip stoppel	Stopel to fix the device on a belt clip

SMARTSCANNDY OPTIONAL ACCESSORIES



No.	Description	Function	
1	**Shirt Clip**	Used to fix the smartScanndy device on a shirt pocket	
2	**Belt Clip stopple**	Used to fix the shirt clip ore belt clip	

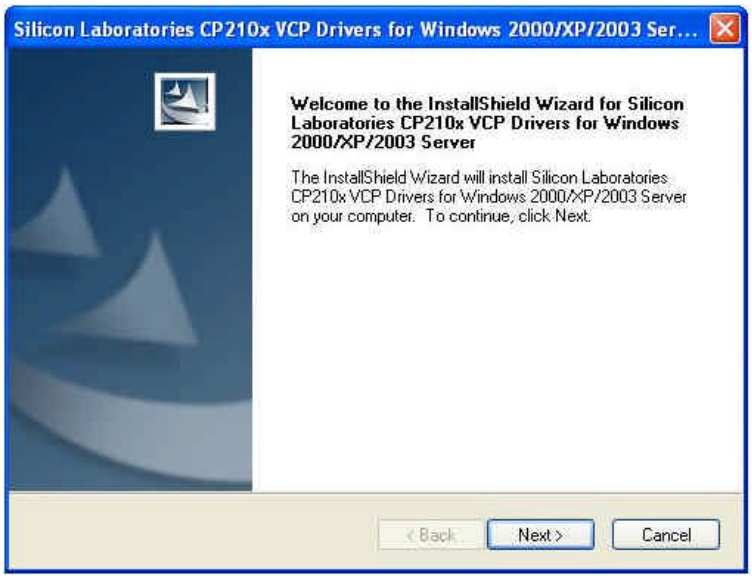
INSTALLING THE USB DEVICE DRIVER

NOTE

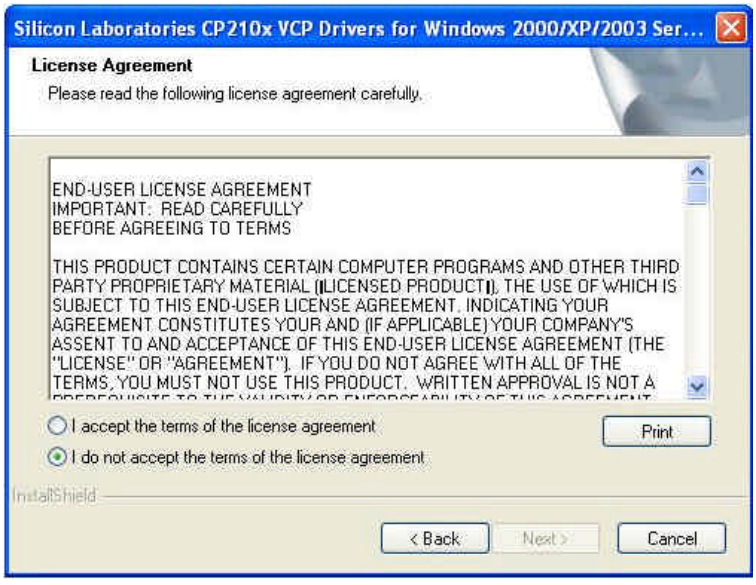
The following installation description may vary on different operating systems

The necessary driver files are located on the product CD which is included in the product package. Please brows on the CD to the directory ..\smartScanndyUSBDridver and open the directory for the operating system of your PC. Inside that directory you can find a self extracting archive which contains the driver software.

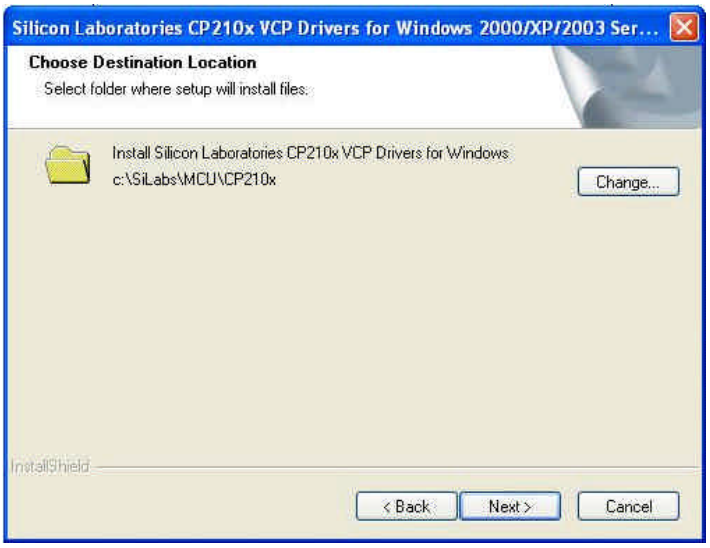
Please double click the archive file to execute the installation. For Windows XP operating systems CP210x_VCP_Win2K_XP_S2K3Setup.exe



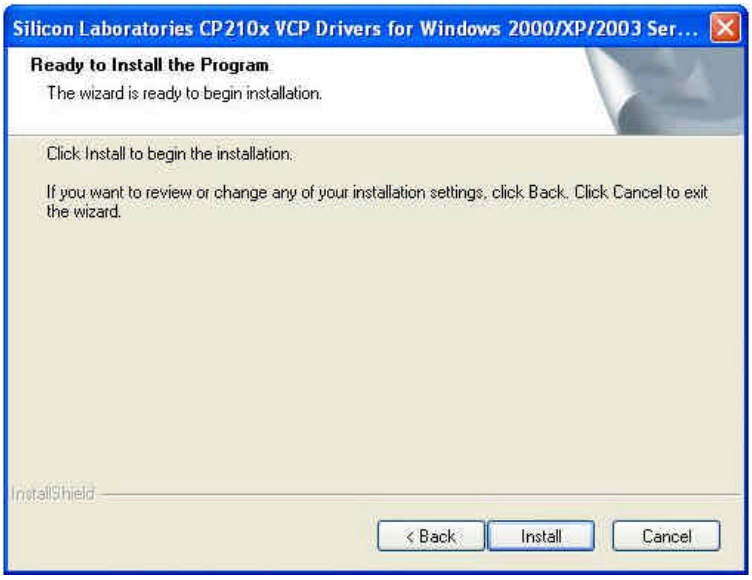
Click the button "Next" to continue the installation



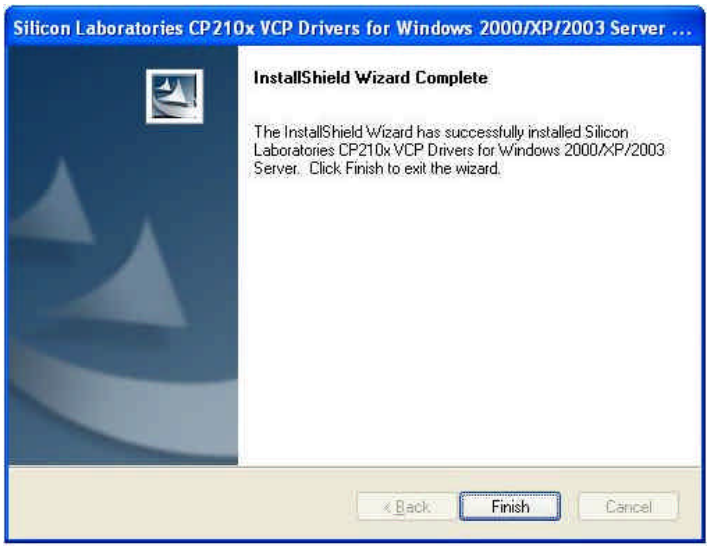
Please carefully read the terms of the license agreement. If you accept the terms, please mark the option and click the button "Next" to continue the installation. If you do not agree, please click the button "Cancel" to abort the installation.
If you agreed to the term of the license and clicked the button "Next" you should now see the following window where you can specify the installation directory for the driver files.



After you have specified the installation directory click the button "Next" to continue



Click the button "Install" to continue the installation



After the driver files have successfully been installed, please click the button "Finish" to finish the driver files extraction.

To complete the driver installation, please connect the smartScanndy device to an USB interface on your PC.

Depending on the Operating System and Version it may happen that the PC detects the smartScanndy as a unknown device. Even after the driver files have been installed successfully as described above.

In that case, please follow the driver installation instruction of the operating system specific install wizard.

SMARTSCANNDY BLUETOOTH INTERFACE

For online communication PANMOBIL provides an optional Bluetooth interface for smartScanndy devices.

The Interface is of Bluetooth Class II (10 to 20 meter distance)
Device Class SPP (Serial Port Profile)

Bluetooth device name: smartScanndy + device serial number
Connection Key: 1234

After powering ON the device, the Bluetooth interface is available to accept incoming connection requests from other Bluetooth devices like PC's, PDA's and Tablet PC's

The Bluetooth specific options can be modified by using the ScanndyDownload software.
Please refer to the ScanndyDownload software user guide which is included on the product CD.

SMARTSCANNDY BARCODE OPTION SETUP

PANMOBIL offers two tools to setup device specific options.

To setup the device you can make use of the ScanndyDownload software which is included in the product package. Please refer to the ScanndyDownload User Guide for the setup procedure.

Setup Procedure

The smartSCANNDY unit can be configured to fit into user's specific application.
The configuration parameters are stored in a non-volatile memory which is retained even if power is lost.

To configure your smartSCANNDY by scanning configuration barcodes, please proceed the following steps.

1) Locate the START CONFIGURATION barcode on page 5 to set the smartSCANNDY unit into SETUP mode.
2) Scan the labels representing the parameter to be changed. You can setup various parameters within one setup procedure.
3) Scan the END CONFIGURATION barcode on page 5 to save the changed parameters and exit the setup mode.

Example: Enable reading of Code 39

1) Scan the START CONFIGURATION barcode on page 5 to enter the setup mode

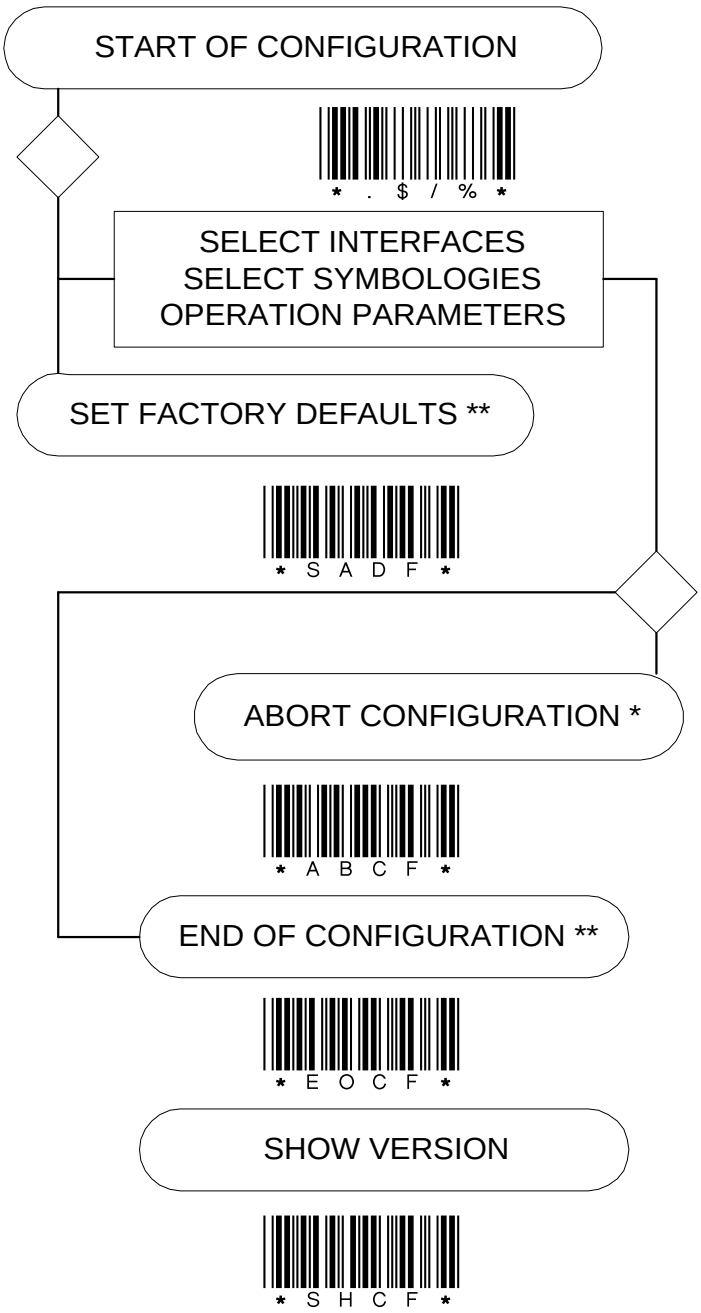
2) Scan the STANDARD barcode for Code 39 type selection "ON" on page 9 to activate the Code 39 type reading.

3) Scan the END CONFIGURATION barcode on page 5 to save and exit the setup mode

NOTE

You can abort the actual configuration procedure by scanning the ABORT CONFIGURATION barcode on page 5. All changed parameters will be set back to the values they had before you start the configuration procedure.

CONFIGURATION FLOWCHART



ENABLE / DISABLE BARCODE SYMBOLOGIES

Use this section to program the scanner for industrial and retail symbology selection. In this programming section you can simply enable or disable barcode symbologies by scanning the code specific barcode to either switch the symbology ON or OFF.

CODE 39

OFF

‹ON›

INTERLEAVED 2OF 5

‹OFF›

ON

STANDART 2 OF 5

‹OFF›

ON

MATRIX 2 OF 5

‹OFF›

ON

CODABAR

OFF

‹ON›

EAN - 8

OFF

‹ON›

EAN – 13 / UPC-A

OFF

‹ON›

UPC - E

OFF

‹ON›

ISBN / ISSN

‹OFF›

ON

EAN/UPC ADDON 2/5

‹OFF›

ON

CODE 128

OFF

‹ON›

CODE 93

‹OFF›

ON

CHINESE 2 OF 5

‹OFF›

ON

EAN 8 TO EAN 13

‹OFF›

ON

CODE 39 SETTINGS

If Full ASCII Code 39 decoding is enabled, certain character pairs within the barcode symbology will be interpreted as a single character. For example: $C will be decoded as the ASCII character ETX.

CODE 39 TYPE

STANDARD

‹FULL ASCII›

Start/stop characters identify the leading end trailing ends of the barcode. You may either transmit, or not transmit start/stop characters.

TRANSMIT START/STOP CHAR

‹OFF›

ON

When verify checksum is switched ON the unit will only read Code 39 barcodes printed with a check character and verifies the printed check characters internally. You can also specify to transmit the check character by switching the TRANSMIT CHECK CHAR option to ON.

VERIFY CHECKSUM

‹OFF›

ON

TRANSMIT CHECK CHAR

‹OFF›

ON

CODABAR

Start/stop characters identify the leading end trailing ends of the barcode. You may either transmit, or not transmit start/stop characters.

TRANSMIT START/STOP CHAR

‹OFF›

ON

TYPE OF START/STOP

ABCD/ABCD

ABCD/TN*E

‹abcd/abcd›

abcd/tn*e

When verify checksum is switched ON the unit will only read Codabar barcodes printed with a check character and verifies the printed check characters internally. You can also specify to transmit the check character by switching the TRANSMIT CHECK CHAR option to ON.

VERIFY CHECKSUM

‹OFF›

TRANSMIT CHECK CHAR

‹OFF›

ON

When verify check digit is switched ON the unit will only read Interleaved barcodes printed with a check digit and verifies the printed check digit internally. You can also specify to transmit the check digit by switching the TRANSMIT CHECK DIGIT option to ON.

VERIFY CHECK DIGIT

<OFF>

ON

TRANSMIT CHECK DIGIT

‹OFF›

ON

EAN – 13

This selection allows you to specify whether the check digit should be transmitted at the end of the scanned data or not.

TRANSMIT CHECK DIGIT

OFF

‹ON›

EAN – 8

TRANSMIT CHECK DIGIT

OFF

‹ON›

This selection allows you to specify whether the check digit should be transmitted at the end of the scanned data or not

TRANSMIT CHECK DIGIT

OFF

‹ON›

UPC – E

This selection allows you to specify whether the check digit should be transmitted at the end of the scanned data or not.

TRANSMIT CHECK DIGIT

OFF

‹ON›

This selection expands the UPC – E code to the 12 digit, UPC – A format if switched to ON.

UPC-E TO UPC-A

<OFF>

ON

STATEMENT OF AGENCY COMPLIANCE

FCC

This device complies with part 15 of the FCC rules. Operation in subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

Any changes or modifications made to this device that are not expressly approved by advanced PANMOBIL Systems GmbH & Co. KG may void the user's authority to operate this equipment.

NOTE

To maintain compliance with FCC rules and regulations, cables connected to this device must be shielded cables, in which the cable shield wire(s) have been grounded to the connector shell.

CE

This product has been tested to and conforms with the provisions noted within the CE EMC Class B Directive.

PANMOBIL shall not be liable for use of our product with equipment (i.e., power supplies, personal computers, etc.) that is not CE marked.