Qian QLC-2D02-02 Tiaoma 2D Image Barcode Scanner Owner's Manual

TIAOMA 2D IMAGE BARCODE SCANNER
MOD.QLC-2D02-02

TIAOMA

1D and 2D Barcodes **Various Languages** **Quick Scan** **USB**
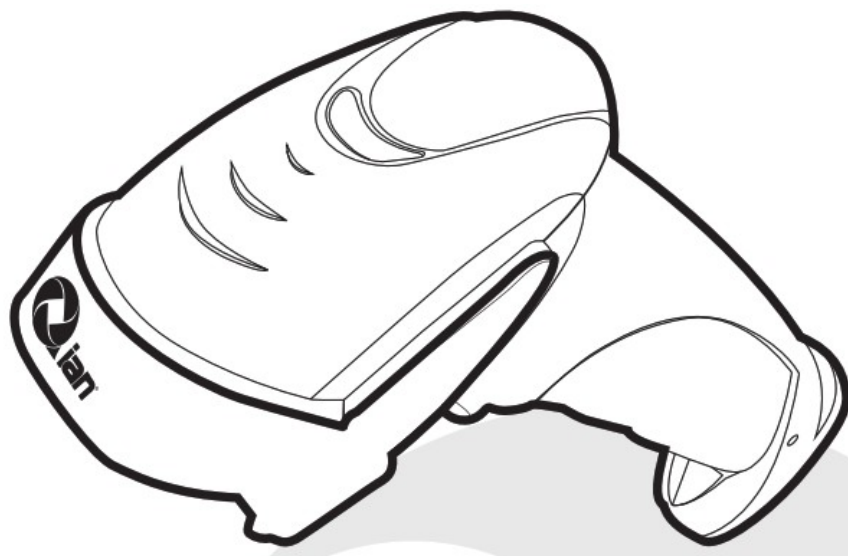
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WARRANTY AND PRODUCT INFORMATION

These terms shall be governed and construed under laws of the jurisdiction in which the product was purchased, if any term here is held to be invalid or unenforceable, such term (in so far as it is invalid or unenforceable) shall be given no effect and deemed to be excluded without invalidating any of the remaining terms. Qian reserves the right to amend any term at any
time without notice.

PRODUCT INFORMATION

https://flowcode.com/p/bKzj5KRy1

SPECIFICATIONS

Physicals Parameters	
Material	ABS+PC+TPE
Power Supply	DC 5V ± 5%
Power Consumption	0.85W (Working) 0.55W (Standby) 1.05W (Maximum)
Current	168mA [Working} 1139mA (Standby) 200mA (Maximum)
Weight	3.8 oz ± 0.17 oz [including cable)
Size	7 in * 3.5 in*2.6 in
Color	Black or Grey White
Button Lifetime	> 200000
Environmental Parameters	
IP	11)42
Operating Temp	0 to 50 C / 32 to 122 F
Storage Temp	0 to 50 CI 32 to 122 F
Operating Humidity	20% to 85% (No Condensation)
Storage Humidity	20% to 85% (No Condensation)
ESD Protection	151O1 air discharge
Shock Resistance	3.9 ft free fall on concrete

Performance	
USB	USB ,1 RS232 to be optional)
OS	Linux, Android, Windows XP, 7,8,10, MAC
Language	American, French,German, Hungary, Italian, Spanish
Light Source	Red LED !Aiming) + White LED 'lighting)
Resolution	a 4mil
Error Rate	1 /500M
Motion Tolerance	Code 128 : 20an / sec OR : 25an / sec
Sensor	Planar CMOS sensor
Reading Mode	Image
Trigger Mode	Manual Mode, Continuous Scanning Mode
Reading Range	10mm-600mm
Prompt Mode	Buzzer, Indicator Light (LEO)
Print Contrast	30%
Reading Angle	Ro1l360°, Pitch45°, Yew45°,
Decoding Capacility	1D	- Code25-Interleaved - Code39-FullASCII - Code25-Matri - Code93-FullASCII - Code39-Regular - Code11 - Code93-Regular - Codabar - Code128 - UPC-A - EAN/GSL/UCC-128Auto - UPCE0/E1 - EAN/JAN-13 - MSI - Code25-Standard - JAN/EAN-8 - RSS-14
	2D	– Data Matrix – OR – POF417
Scanning Depth		OR 9.17 mill 7 byte) : 6cm – 10cm Data Matrix 9.17mil (7 byte I : 7cm – 10cm Code 93 5.83 mil I 14 byte I : 7cm – 10cm

Restore factory default setting.
Scan the QR setting code below to restore the scanner to factory default settings.

Restore factory default setting

WSM00010000.

Reading version information.
scan the QR code below to get the version information of this scanner.

Version info.

◆WSM040A0000.

Sound indicator.
Scan the QR code below to turn the sound indicator on/off.

ON	OFF
◆WSM04040002.	◆WSM04040003.

Interface configuration.
USB Interface.
When you want to connect the scanner to another device through a USB cable, you can scan the QR code below to configure the scanner for standard keyboard mode.

USB

◆WSM01000001.

COM (RS-232).
Whenever you want to connect the scanner to a device through the RS-232 interface, you need to match the same setting between the scanner and device. Default COM interface settings are: 9600 Baud rates, 8-bit data, No check bit, 1 stop bit.

USB COM

◆WSM01000002.

USB COM (Virtual COM).
Whenever you want to connect the scanner to a device through a USB cable, you can scan the QR code to configure the scanner for virtual COM output mode (Driver required, please contact your supplier to make the driver installation).

RS232

◆WSM01000000.

scanning mode setting.
Manual trigger
Push the trigger button to start reading, release the trigger button to stop reading.

Manual trigger mode.

◆WSM02000000.

Continuous scanning mode.
scan below QR code, the scanner will continuously scan, no need for manual operation of the trigger.

Continuous scanning mode.

◆WSM02000002.

Auto-sensing mode.
scan below QR code, the scanner enters into auto-sensing mode.

Auto-sensing.

Available bar code types – Forbidden setting.
All decoding bar code.
The scanner can allow or forbid the reading of all supported bar codes with the following setting barcodes. It can only read the supported codes after scanning the Forbidden setting code.

Allow reading of all bar code types.	*Default type / On.	Forbid reading all bar code types.
�WSM07000000.	�WSM07000002.	�WSM07000001.

Keyboard language setting
To match your computer's keyboard language settings, scan one of the setting codes below to match the language and country.

America	Spanish	Spanish (Mexico)
�WSM04060000.	�WSM04060007.	�WSM0406000A.

To match with more countries' keyboards, users can set the output to International Keyboard [only works with Windows 0S). Standard keyboard is the default setting.

Standard Keyboard	International Keyboard
◇WSM04070000.	◇WSM04070001.

Suffix setting.

No suffix.	*CR Suffix.	TAB Suffix.	CRL
◇WSM05040000.	◇WSM05040001.	◇WSM05040002.	◇WS

Environmental tips.

Environment-friendly use time frame of this product is 10 years.

The normal environmental conditions for operation, storage, and transportation are specified in the technical parameters of the product. At the end its operation period, we suggest returning the product (including package) to our company.

Assembly unit name	Harmul substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Shell	0	0	0	0	0	0
PBC		0	0	0	0	0
Cable	0	0	0	0	0	0
Packaging materials	0	0	0	0	0	0

This form is composed to adhere to the provisions of SJ/T 11364.

: [tis indicated that the content of the harmful substance in all the homogeneus materials of the component is below the limit specified in GB/T 2672.

: It is indicated the content of the harmful substance at least in one certain homogeneus material of the component is beyond the limited specified in GB/T 26572.

Note

1. Most components in this product use harmless environment-friendly materials, but due to limited international technology level, some harmful materials cannot be replaced.
2. The environmental data provided for reference was tested in the normal operation and storage enviroment required by this product, such as humidity and temperature, etc.

FAQ

Does this barcode scanner need a driver to start?

No, it doesn't need a driver, just plug and play.

How do | turn the barcode scanner's sound off?

Scan the sound indicator "OFF" setting code, the sound will then be turned off.

Why are the barcode characters uploaded incorrectly?

Please check if the keyboard language of the barcode scanner is configured to match the device's keyboard language, if not, please set the same keyboard language. If the characters are not contained in ASCII, this barcode scanner can't read them properly.

How can this barcode scanner add suffix or prefix?

It is possible. Please contact supplier for detailed steps for this setting, which are not included in this manual.

Some barcodes cannot be read, why?

Dirty or blurry barcodes might not be read. Some uncommon barcode types are not commonly used and thus not activated by default. Please scan "All barcode types on" in the "Barcode type setting" section to retry.

Documents / Resources
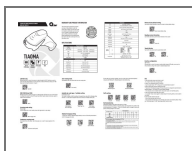
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