Specifications

	RoHS, IP54	Certificates:CE, FCC, RoHS	Certifica
Interface:USB		Drop Test:6.56 feet (2 meters)	Drop Te
Storage Temperature:-40 °C to 70	to 50 °C	g Temperature:-20 °C	Operating
2D:QR Code, Data Matrix, PDF417, Aztec code, Maxicode, etc.	PDF417, Aztec	2D:QR Code, Data Matrix,	2D:QR
Supported Bar Code Symbologies: 1D:UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 111, Interleaved 2 of 5, Matrix 2 of 5, Standard 2 of 5, Coda bar, MSI December 1 PSC 36.	, EAN-13, Cod x 2 of 5, Standa	Supported Bar Code Symbologies: ID:UPC-A, UPC-E, EAN-8, EAN-13, II, Interleaved 2 of 5, Matrix 2 of 5, St	Suppor 1D:UPC 11, Inter
Anti-interference: 100000Lux Max Do not use under strong sunlight	x Max Do not u	rference: 100000Lu	Anti-int
Angle of rotation±360°, inclination±65°, declination±60°	otation±360°, i	Scanning Angle: Angle of	Scannin
Decoding Speed:500/sec	40-280mm	10mil-PDF417	
Print Contrast: 25%	40-300mm	20mil-QR	(xnៗ
CPU: ARM32-bit Cortex	60-100mm	4mil-code39	(250)
Reading accuracy:4mil	50-250mm .	13mil-EAN13	
Sensing	nous, Auto Ser	Trigger Mode:Button, Continuous, Auto	Trigger l
Indicators:Buzzer, LED light	п	Sensor:640x480 CMOS	Sensor:6
Light:6500K LED		Aiming:624nm LED	Aiming:
		Scanner Parameters:	Scanner
Standby Time:60 days		Working Time:3 to 10 days	Working
Charging power:5V-400mA		Battery Capacity:2000 mAh	Battery (
Standby Current:30mA	ЮmA	Working Current:5V±5%x140mA	Working
50000barcodes	100 meters	2.4G Wireless + Wired	2.4G Wi
Memory	Transmission Distance	-	Type

01

General Settings

reasons, scan this bar code to restore factory settings. If scanner fails to operate due to faulty settings or other



- matched when the connection is lost.) matched with scanner by factory defaults. Only need to be ■ 2.4 GHz Dongle Pairing Steps (The wireless dongle is
- 1. Press the button. Buzzer sounds "dee" once and light normally. turns green then off. This indicates the scanner is operating
- the dongle and plug it in again. Green light starts flashing and is in waiting mode. Unplug 2. Plug in the dongle and scan "Match" within 30 seconds
- 3. When buzzer sounds "dee" twice and light turns blue, pairing is successful.
- 4. Open a text document and start scanning.



Wireless Pairing Setting (2.4G Mode)



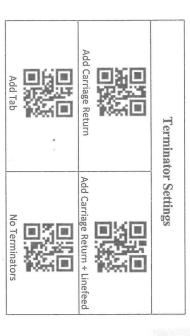
2.4G Mode

Match





scanner will flash continuously. Re-plug the receiver, the pairing is complete when the green light is off, and the blue the "Match" setting code, the green light on the back of the Scan the above two setting codes in turn. And after scanning light is always on.



Working Mode



Storage Mode

Two modes: Instant Upload and Storage

➤ Instant Upload mode: Upload scanned data immediately.
Upload successful: Green light flashes once and buzzer sounds "dee" once.

➤ Storage mode: Store scanned datain scanner. When within

► Storage mode: Store scanned datain scanner. When within signal range of dongle, scan "Upload Data" barcode to send stored data to computer.

PS: If uploading is unsuccessful, please make sure "Storage Mode" is selected.

Show Stored Barcodes

Upload Barcodes

Upload Barcodes

Fast Upload Speed (Default)

Slow Upload Speed

Clear Memory

- Storage successful: Green light flashes once and buzzer sounds "dee en".
- 2. Storage failed: Red light flashes once and buzzer sounds "deeeee en". This indicates that storage is full. Clear storage by scanning "Clear Memory".
- 3. Upload complete: Buzzer sounds "dee doo en"

Interface Setup



USB HID Setup Code

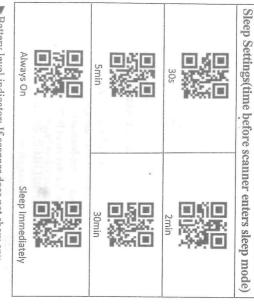
USB Virtual COM Setup Code (driver needed)
Please contact the seller (info@tera-digital.com)
for the driver if you need to set up USB Virtual COM.

Battery Level

Buzzer Volume



Battery Level



battery needs replacing. minutes. If scanner still does not respond after charging, response when button is pressed, charge scanner for at least 30 ► Battery level indicator: If scanner does not show any

➤ Charging LED:
1. Charging status: Red light means normal.

Charging complete: Blue light is on constantly and red light is off.

1D Barcode Forward and Backward Scanning Medium Volume All Upper Case Sound Off 9 Upper / Lower Case No Change High Volume (Default) All Lower Case Low Volume

OR code normal(black barcode white background) and reverse (white barcode black background) barcode read capability

Only read normal barcode

Data Matrix normal(black barcode white background) and reverse (white barcode black background) barcode read capability

Read both normal reverse (white barcode black background) barcode read capability

Read both normal and reverse (white barcode black background) barcode read capability

Primarily for Continuous mode and Automatic Sensing mode

Duplicate Code Settings

Only read normal barcode

Vibration Setting

Vibration ON

Vibration ON

Vibration OFF

Continuous Mode 回菜回 ※2000 ※60回 No Delay Delay 5s Delay 1s Manual Mode (Default) Scanning Mode Sensor Activated Mode **Unlimited Delay** Delay 3s Delay 7s

PDF417 normal(black barcode white background) and reverse (white barcode black background) barcode read capability

llumination and Aiming

environments. Illumination: Auxiliary Light provides extra lighting during scanning. It improves the readability of barcodes in dimly lit

On when scanning (default): Auxiliary light turns on when It can be adjusted to accommodate different lighting conditions:

Always on: Auxiliary light stays on when scanner is on. Always off: Auxiliary light is off at all times. scanning and turns off after use.







Always on

On when scanning (default): Aiming light turns on during the barcode for scanning. It can be adjusted as follows. Aiming: Aiming light helps improve the accuracy in capturing

Always on: Aiming light stays on when scanner is on. Always off: Off at all times.



On when scanning

09



Always on

Barcode Formats

Original Format







*GBK

Unicode



Keyboard Language Settings

*English









German

French











Symbology Activate / De-activate

UPC-E	UPC-E No Preamble Code	UPC-E to UPC-A(ON)	UPC-E Check Digit(ON)	UPC-E(ON)	UPC-A Check Digit(ON)	UPC-A(ON)
UPC-E System Code & Country Code Output	UPC-E System Code (output by default)	UPC-E to UPC-A(OFF)	UPC-E Check Digit (OFF)	UPC-E(OFF)	UPC-A Check Digit (OFF)	UPC-A(OFF)

□	Interleaved 2 of5 (ON)	ISBT-128(ON)	GS1-128(ON)	CODE 128(ON)	EAN-13(ON)	EAN-8(ON)	UPC-A to EAN-13(ON)
Matrix 2 of 5(OFF)	Interleaved 2 of5(OFF)	ISBT-128(OFF)	GS1-128(OFF)	CODE 128(OFF)	EAN-13(OFF)	EAN-8(OFF)	UPC-A to EAN-13(OFF)

PLESSEY(ON)	CODABAR(ON)	CODE 11(ON)	CODE 93(ON)	CODE 3Z(ON)	Code 39Full ASCII(ON)	Code39 Check Digit (ON)	CODE 39(ON)
PLESSEY(OFF)	CODABAR(OFF)	CODE 11(OFF)	CODE 93(OFF)	CODE 32(OFF)	Code39Full ASCII(OFF)	Code39 Check Digit (OFF)	CODE 39(OFF)

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Industrial 2 of 5(ON)

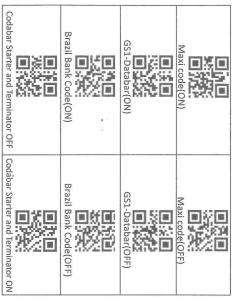
ITF14(ON)

ITF14(ON) Only Read Normal MatrixBarcodes Aztec code(ON) PDF417(ON) d Normal Data Industrial 2 of 5(OFF)

MSI(OFF) ITF14(OFF)

OR CODE(OFF)

Data Matrix(OFF) Read Both Normal and Reverse Barcodes Aztec code(OFF)



Hide Prefix and suffix

A. San the "Hide Prefix" or "Hide Suffix" setting code.



Hide Suffix

B. Choose the number of digits you want to hide:



Hide 2 digits

Hide 3 digits

Hide 4 digits

Hide 7 digits Hide 8 digits

Hide 5 digits

Hide 6 digits

Hide 9 digits

Hide 10 digits

Hide 11 digits

Hide 12 digits

Hide 15 digits Hide 16 digits

Hide Prefix Hide Suffix

C. If you want to cancel the "nide prefix or suffix", please scan the "Hide Prefix" or "Hide Suffix" setting code again:

Hide 13 digits

Hide 14 digits

Add Prefix and Suffix Setting

Prefix and Suffix Setting Mode:

The prefix and suffix setting mode can be divided into two parts: Control characters form and displayable characters form. Displayable characters are ASCII characters with key values of more than 31 which can mostly be output by HID keyboard and don't need

Control characters are ASCII characters with key values of less than to be transferred.

transferred to output.

32 which cannot mostly be output by HID keyboard and need to be

When the key value of the ASCII characters of prefix and suffix setting content are more than 31, the setting procedures are:
 A. Scan the "prefix adding allowed" or "Suffix adding allowed" setting

barcode:

prefix adding allowed

B. Find the character needed in appendix B "Displayable Characters suffix adding allowed

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form" and scan it to enable adding.

2. When the key value of the ASCII characters of prefix and suffix setting content are less than 32, the setting procedures are: A. San the corresponding characters set setting code:





Character set 1 setting code





B. Scan the "prefix adding allowed" or "Suffix adding allowed" barcode: Character set 2 setting code

Character set 3 setting code





and scan it to enable adding. C. Find the character needed in appendix A "Control Characters form" Prefix adding allowed

adding allowed" or "Suffix adding allowed" barcode again: 3.If you want to cancel the prefix and suffix added, scan the "prefix Suffix adding allowed





Prefix adding allowed Suffix adding allowed

Add time prefix and suffix setting

time before the output result A. Scan the "time prefix" setting barcode, and add the present scan



Time Prefix

B. Scan the "time suffix" setting barcode, and add the present scan time after the output result



Time Suffix

The present scan time before/after the output result will be canceled. C. Scan the "cancel time prefix and suffix" setting barcode.



Cancel time prefix and suffix

(info@tera-digital.com) for the driver if you need to update the time. Note: If the output time is not synchronized, please contact the seller



Q: Why are some bar codes not recognized?

symbology not activated on the scanner. Just feel free to Q: Why can't I upload bar codes to computer after pairing? contact the seller if any issues can't be solved. A: Scanner does not be recognized by the computer or

Try switching to Upload Mode. Verify scanner is not in Storage Mode.

1. Verify pairing is successful.

4. Dongle and scanner are communicating properly.
Q: Why is scanned bar code different from printed bar code? Q: Why is the scanner battery never fully charged? with that of the scanner's. A: Make sure that your PC's keyboard language is consistent

condition A: 1. Make sure you are using the supplied charging device. 2. Verify the charging unit or battery is in proper working

Appendix 1:Character comparison table

138 138 138 138 138 138 138 138 138 138	ACK MARIE	ENO CONTRACTOR	TO THE TOTAL THE	- 150 - 150	- 100年 - 100年 - 102年 - 102 - 1	HOS
3 # 3 B	12 12 12 12 12 12 12 12 12 12 12 12 12 1	回集日 四 2000年 2006年 2008年	S 4 26			
F12	回 第四 2007年9月 48月日	F10		8 2 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	### ##################################

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Down Arrow Right Arrow Back Space Left Arrow
Up Arrow Tab Space . Die Es Die SUB BUS

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嬲 Q Z

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39

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والمالة والمالة ■ (A) ■ \$ | (B) | (A) | (B) | (B)