

HAMMER W2 V. 2.0 (since June 2020)

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Enter Configuration



Exit Configuration

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Enter Configuration



Exit Configuration

Command Barcode

Scanning the **Enter Setup** Code can enable the engine to enter the setup mode. Then you can scan a number of command codes to configure your scanner. To exit the setup mode, scan the **Exit Setup** code.



Enter Configuration



Exit Configuration

Important Notes:

All configurations need to go through steps:

Scan "Enter Setup" → "Command Barcode" → "Exit Setup"

Enable All Symbologies

If Enable All Symbologies feature is enabled, the scanner will not be able to read any non-programming barcodes except the programming barcodes.



Enable All Symbologies



Enter Configuration



Exit Configuration

Restore Factory Default Configuration



Restore Factory Default Configuration



Serial Port



Baud rate 19200



CR



Enter Configuration



Exit Configuration

Important Note: Factory restore can not restore all programs from the quick setup manual.

Scanning Mode

Trigger Mode (Default)

Scanning this bar code will enable the scanner to enter manual trigger mode.



****Trigger Mode**

Auto Sense Mode

Scanning this bar code will enable the scanner to enter auto sense mode.



Automatic Scanning Mode

Continuous Mode

This mode enables the engine to scan/capture, decode and transmit over and over again.



Continuous Scanning Mode



Enter Configuration



Exit Configuration

USB Interface (Optional)

USB HID-KBW

By default, the scanner is in HID mode as a Keyboard device. It works on a Plug and Play basis and no driver is required.



**USB HID Keyboard

Terminator Configuration

The scanner provides a shortcut for configuring the terminating character suffix to CR or CRLF and enabling it by scanning the appropriate barcode below.



No terminator



**CR/Enter



Tab



Enter Configuration



Exit Configuration

SYMBOLOLOGIES

UPC / EAN , 2/5 Add-On Code

An UPC / EAN barcode can be augmented with a two-digit or five-digit add-on code to form a new one. In the examples below, the part surrounded by blue dotted line is an EAN-8 barcode while the part circled by red dotted line is add-on code.



EAN-8 With Add-On 5 Digits

UPC-A, UPC-E, EAN-13, and EAN-8 , with add-on 2/5codes



Enable UPC/EAN add-on 2/5Digits



**Disable UPC/EAN add-on 2/5Digits



Enter Configuration



Exit Configuration

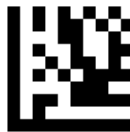
UPC-A



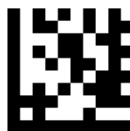
**Enable UPC-A



Disable UPC-A



** Transmit UPC-A Check Character



Do Not Transmit UPC-A Check Character



Enter Configuration



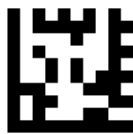
Exit Configuration



**Enable UPC A Check Character



Disable UPC A Check Character



Convert UPC-A into EAN 13



**Do not Convert UPC-A into EAN 13

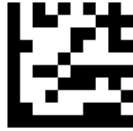


Enter Configuration



Exit Configuration

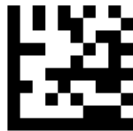
UPC-E



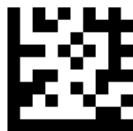
**Enable UPC-E



Disable UPC-E



**Enable UPC-E transmit check Character



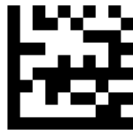
Disable UPC-E transmit check Character



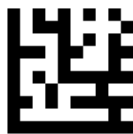
Enter Configuration



Exit Configuration



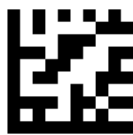
**Enable UPC-E Check Character



Disable UPC-E Check Character



Convert UPC-E into UPC-A



**Do not Convert UPC-E into UPC-A



Enter Configuration



Exit Configuration

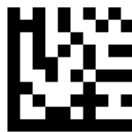
EAN-8



** Enable EAN-8



Disable EAN-8



**Transmit Check Character After Verification



Do Not Transmit Check Character After Verification



Enter Configuration



Exit Configuration



Convert EAN-8 into EAN-13



** Do not Convert EAN-8 into EAN-13

EAN 13



**Enable EAN-13



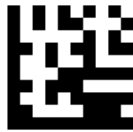
Disable EAN-13



Enter Configuration



Exit Configuration



**Transmit Check Character After Verification



Do Not Transmit Check Character After Verification



Convert EAN-13 into ISBN



**Do not Convert EAN-13 into ISBN



Enter Configuration



Exit Configuration



Convert EAN-13 into ISSN



****Do not Convert EAN-13 into ISSN**

Code 128



****Enable Code 128**



Disable Code 128



Enter Configuration



Exit Configuration

Code 39



**Enable Code39



Disable Code39



Enable Code39 Full ASCII



**Disable Code39 Full ASCII



Enter Configuration



Exit Configuration



Transmit Start/Stop Character



** Do Not Transmit Start/Stop Character

Code 39



**Disable Code39 Check Digit



Transmit Check Character After Verification



Enter Configuration



Exit Configuration



Do Not Transmit Check Character After Verification

Code 93



Enable Code 93



**Disable Code 93

Code 32



Enable Code32



Enter Configuration



Exit Configuration



**Disable Code32

Code 11



Enable Code 11



**Disable Code 11



** Transmit Check Character After Verification



Enter Configuration



Exit Configuration



Do Not Transmit Check Character After Verification

Codabar



**Enable Codabar



Disable Codabar



**No Verification After Scan



Enter Configuration



Exit Configuration



Transmit Check Character After Verification



Do Not Transmit Check Character After Verification



Transmit Start/Stop Character



**Do not Transmit Start/Stop Character



Enter Configuration



Exit Configuration

Plessey



**Enable Plessey



**Disable Plessey

MSI Plessey



**Enable MSI Plessey



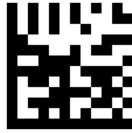
Disable MSI Plessey



Enter Configuration



Exit Configuration



No Verification After Scan



Transmit Check Character After Verification



Do not Transmit Check Character After Verification

Interleaved 2 of 5



**Enable Interleaved 2 of 5



Enter Configuration



Exit Configuration



Disable Interleaved 2 of 5



**No Verification After Scan



Transmit Check Character After Verification



Do not Transmit Check Character After Verification



Enter Configuration



Exit Configuration

IATA 2 of 5



Enable IATA 2 of 5



**Disable IATA 2 of 5

Matrix 2 of 5



Enable Matrix 2 of 5



**Disable Matrix 2 of 5



Enter Configuration



Exit Configuration

Straight 2 of 5



Enable Straight 2 of 5



**Disable Straight 2 of 5

Pharmacode



Enable Pharmacode 2 of 5



**Disable Pharmacode 2 of 5



Enter Configuration



Exit Configuration

RSS-14



**Enable RSS-14



Disable RSS-14



Enable RSS-14 Stacked



**Disable RSS-14 Stacked



Enter Configuration



Exit Configuration

RSS-14 Expanded



**Enable RSS-14 Expanded



Disable RSS-14 Expanded



Enable RSS-14 Expanded Stacked



**Disable RSS-14 Expanded Stacked



Enter Configuration



Exit Configuration

RSS-14 Limited



**Enable RSS-14 Limited



Disable RSS-14 Limited

Composite Code-A



Enable Composite Code-A



**Disable Composite Code-A



Enter Configuration



Exit Configuration

Composite Code-B



Enable Composite Code-B



**Disable Composite Code-B

Composite Code-C



Enable Composite Code-C



**Disable Composite Code-C



Enter Configuration



Exit Configuration

PDF 417



**Enable PDF417



Disable PDF417

Micro PDF 417



**Enable Micro PDF 417



Disable Micro PDF 417



Enter Configuration



Exit Configuration

Data Matrix



****Enable Data Matrix**



Disable Data Matrix

Rectangular Data Matrix



****Enable Rctangular Data Matrix**



Disable Rctangular Data Matrix



Enter Configuration



Exit Configuration

QR



**Enable QR



Disable QR



**Data Outputs on Notepad or Excel



Multi-languages Output/ Data Outputs on Notepad or Excel

Important Note: If a QR code contains special letters like ß ü ì è you need to enable "**Multi-languages Output/ Data Outputs on Notepad or Excel**". A driver also required to be installed in order to decode the QR code. Please contact us to get the driver.



Enter Configuration



Exit Configuration



Code-page output/ Data Outputs on Word , QQ ,wechat

Micro QR



**Enable Micro QR



Disable QR

Aztec



Enable Aztec



**Disable Aztec



Enter Configuration



Exit Configuration

MaxiCode



Enable MaxiCode



**Disable MaxiCode



Enter Configuration



Exit Configuration

Configure decoding length for different types of barcodes

Configure one decoding length.

For example:

Configure scanner to decode Code 128 with the length of 14 characters

1. Scan Enter Configuration
2. Scan Code128 " Configure one decoding Length"
3. Scan 1 from ASCII Code Table
4. Scan 4 from ASCII Code Table
5. Scan Exit Configuration

Configure 2 different decoding lengths.

For example:

Configure scanner to decode Code 128 with the length of 2 and 14 characters

1. Scan Enter Configuration
2. Scan Code128 " Configure Two Decoding Length"
3. Scan 0 from ASCII Code Table
4. Scan 2 from ASCII Code Table
5. Scan 1 from ASCII Code Table
6. Scan 4 from ASCII Code Table
7. Scan Exit Configuration

Configure Decoding Length Range.

For example:

Configure scanner to decode Code 128 within the length from 8 to14 characters

1. Scan Enter Configuration
2. Scan Code128 " Configure Decoding Length Range"
3. Scan 0 from ASCII Code Table
4. Scan 8 from ASCII Code Table
5. Scan 1 from ASCII Code Table
6. Scan 4 from ASCII Code Table
7. Scan Exit Configuration



Enter Configuration



Exit Configuration

Configure Decoding Any Length

For example:

Configure scanner to decode Code 128 with any length

1. Scan Enter Configuration
2. Scan Code128 " Decode Any Length"
3. Scan Exit Configuration

Code 128 Decoding Length



Configure one decoding Length



Configure two different decoding Lengths



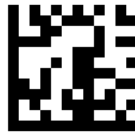
Configure Decoding Length Range



Enter Configuration



Exit Configuration



****Decode Any length**

Code 39 Decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding length range



Enter Configuration



Exit Configuration



** Decode Any Length

Code 93 Decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding length range



Enter Configuration



Exit Configuration



**Decode Any length

Codabar Decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding length range



Enter Configuration



Exit Configuration



**Decode Any length

Interleaved 2 of 5 Decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding length range



Enter Configuration



Exit Configuration



**Decode Any Length

Code 11 Configure decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding Length Range



Enter Configuration



Exit Configuration



**Decode Any Length

MSI Plessey Configure decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding length range



Enter Configuration



Exit Configuration



**Decode Any Length

Matrix 2 of 5 Configure decoding Length



Configure one decoding Length



Configure two different decoding Lengths



Configure decoding length range



Enter Configuration



Exit Configuration



**Decode Any length

AIM ID Prefix

If AIM ID prefix is enabled, the engine will add the symbology identifier before the scanned data after decoding. see the “**Appendix 1: AIM ID Table**” section



**Disable AIM ID



Enable AIM ID

Appendix 1: AIM ID Table

Symbology	Mexxen/Zebex	AIM
UPC-A	A	E
UPC-E	E	E
EAN-8	FF	E
EAN-13	F	E



Enter Configuration



Exit Configuration

Code 128	K	C
Code 39	M	A
Code 93	L	G
Code 32	M	A
Code 11	O	H
Codabar	N	F
Plessey	P	P
MSI/Plessey	a	M
Interleaved 2 of 5	I	I
IATA 2 of 5	Z	R
Matrix 2 of 5	G	X
Straight 2 of 5	S	S
Pharmacode	H	X
RSS 14	RS	e
RSS Expanded	RX	e
RSS Limited	RL	e
Composite CC-A	m	e
Composite CC-B	n	e
Composite CC-C	i	e
PDF417	r	L
Micro PDF417	s	L
Data Matrix	t	d
QR	u	Q
Micro QR	j	Q
Aztec	e	Z
MaxiCode	v	U



Enter Configuration



Exit Configuration