EN For service, manuals, firmware updates or support visit www.ewentonline.com | Multilingual manual | 2 Years Warranty |

NL Voor service, handleidingen, firmware updates bezoekt u www.ewentonline.com | Nederlandstalige handleiding | 2 Jaar garantie |

FR Pour l'entretien, les manuels, les mises à jour du firmware ou l'assistance, visitez www.ewent-online.com. Manuel multilingue | Garantie de 2 ans |

IT Per servizi, manuali, aggiornamento firmware e supporto visitare www.ewent-online.com. Manuali Multilingua | Garanzia 2 anni |

ES Para obtener asistencia, manuales, actualizaciones de firmware o soporte, visite www.ewent-online.com. Manual en varios idiomas | 2 años de garantía |

DE Dienstleistungen, Handbücher, Firmware-Updates oder Support-Dienste werden unter www.ewent-online.com angeboten. Handbuch in mehreren Sprachen | 2-jährige Garantie |

PT Para assistência, manuais, atualizações de firmware ou apoio técnico, visite www.ewent-online.com. Manual multilingue | 2 anos de garantia |

HU Szerviz, kézikönyek, firmwarefrissítések és támogatás ügyében látogasson el a következő oldalra: www.ewent-online.com. Többnyelvű kézikönyv | 2 éves garancia |



WWW.EWENT-ONLINE.COM

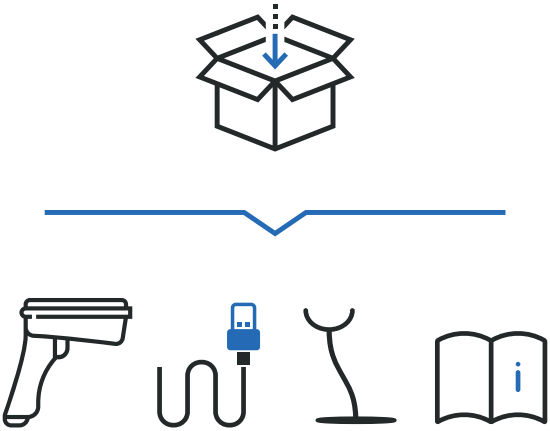
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EW3410

2D Barcode Scanner



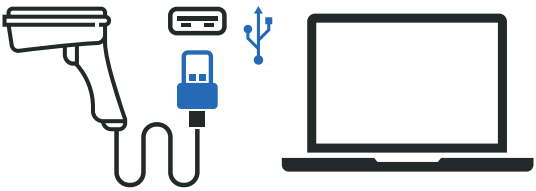
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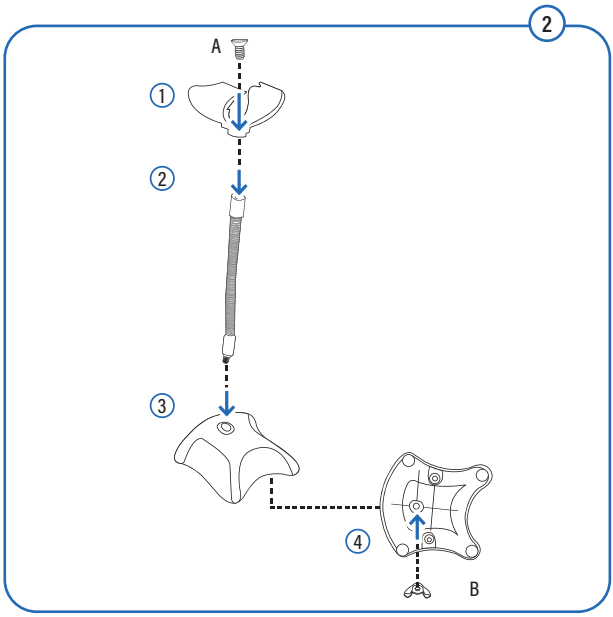


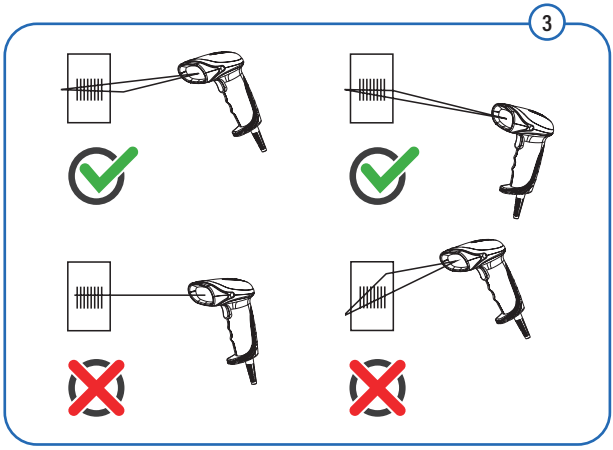
Quick Install Guide

1

Snel installeren | Installation rapide | Installazione rapida | Schnelle Installation
Instalación rápida | Gyors telepítés | Guia de instalação rápida
Skrócona instrukcja instalacji




2
A
1
2
3
4
B


3

Technical Parameters

Physical parameters

Material	ABS+PVC+PC
Size (LxWxH)	157x71x90 mm
Power Supply	DC 5V/300 mA
Weight	120 ± 5 g (without cable)

Performance parameters

Supporlect Interface	USB, RS-232
Sensor	Planar CMOS sensor
Light Source	Red LED (Aiming) + White LED (Lighting)
Processor	32-bit MCU
Decoding Capability	Codabar, Code 11, Code 39/Code 93, UPC/EAN, Code 128/EAN 128, Inter Leaved 2 of 5, Matrix 2 of 5, MSI CODE, Standard 2 of 5, QR CODE
Resolution	Code 39 5 mil, QR 8.7 mil, PCS 45%
Depth of Field	5MIL CODE39: 5--12 CM 15MIL CODE39: 4--25 CM 10MIL CODE93: 4--21 CM 15MIL UPC/EAN: 4--25 CM 20MIL QR: 4--25 CM
Scanning Speed	200 scans/sec
Scanning Method	Manual Trigger, Auto-sensing
Scanning Area	5x5 cm^2 - 30x30 cm^2
Prompting Mode	Buzzer, Indicator light (LED)
Printing Contrast	Al least 35%
Scanning Angle	Roll 0-360°, Pitch ± 65°, Yaw ± 60°

Environment parameters

IP Grade	IP 54
Operating Temperature	0 to 50 °C | 32 to 122 °F
Storage Temperature	0 to 50 °C | 32 to 122 °F
Operating Humidity	5-95% (Non-condensing)
ESD Protection	15 KV air discharge
Shock Resistance	1.5 m free fall on concrete surface

Factory Default Settings

Please scan "Factory Default", if you need to recover all the initial setting made by factory.



Factory Default

Remark: The following setup bar codes with "*" means the factory initial setting.

Configuration Code ON/OFF

When configuration code is set "ON", user can setup the scanner by scanning the setup bar codes.



*ON
Setup Bar Code
Content Outpu



OFF



*Output content
-disable



Output content
-enable

Aiming Setting

The light beam that shot by the scanner can help user to find the best reading distance. User can choose any of the modes below according to the operation environment.
Normal mode: Light beam appears when pressing the button.
Always on: Light beam always appear when the scanner is electrified.
No aiming: Light beam won't appear in any situation.



*Normal mode



Always on



No aiming

LED Light Setting

The LED light will offer auxiliary lighting for reading. When the light beam shoots on the target object, it can improve the decoding performance and the adaptability of weak ambient light. User can set the scanner into any of the modes below according to the operation environment.
Normal mode: LED light is on when pressing the button and off al other time.
Always on: LED light is always on when the scanner is electrified.
No LED light: LED light won't be on in any situation.



*Normal mode



Always on



No LED light

Successful Reading Beep Sound

The scanner forbids the successful reading prompt sound if scan the "Beep Sound/Off" code. It restore the sound if scan the "Beep Sound/On" code.

*Beep Sound / On

Beep Sound / Off

Interface Setting

USB INTERFACE

When the scanner connects to the PC via USB cable, user can set it into standard USB PC keyboard mode by scanning the below setup bar code.

*USB PC keyboard

VCOM

When make the scanner connected with the PC USB cable, please set it into VCOM (virtual serial port) mode by scanning the "VCOM" setup bar code. (Please contact with your supplier to previde the driver for installation).

VCOM

Suffix Setting

*No Suffix

CR Suffix

TAB Suffix

CRLF Suffix

Scanning Mode Setting

*Manual trigger

Continue scanning

Auto Sensing

Reading Interval Time Setting

This function means, alter the scanner reads successfully and output data, or timeout for one reading, the scanner will gel into decoding mode again in a period time (time can be set).


No interval


500ms


*1000ms


1500ms


2000ms

Single Scan Duration Setting

This function is to set the longest duration of scanner decoding before reading successfully in auto sensing mode. When the scanner reads successfully or single scan overtime, it stops reading for a period time. This setting is just based on auto sensing mode.


1000ms


3000ms


*5000ms


No duration

Image Stable Time Setting

This function is to set the time of image stabilization belare reading, when the operation environment changes in auto sensing mode.


100ms


*400ms


1000ms


2000ms

Language Setting


KB England


KB Czech Republic


KB France


*KB Germany


KB Hungary


KB Italy


*KB Japan


KB Spain

Version Information

In order to let the PC read the unit version information, it can confirm the message by scan the following bar code as below.


Version Information

Available Bar Code Type / Forbidden Configuration

All DECODING BAR CODE

The Scanner allows reading or forbids reading all the supporting bar code it scan the following setting bar codes. It only allow to read the setting codes alter scanner the forbidden code.


Allow reading all the bar code types


Forbid reading all the bar code types


*Default Type / On

BAR CODE ROTATING FUNCTION

Scan the following bar codes to set the scanner allow or forbid reading the 360° rotating bar code. It can improve the scanning speed il forbid the 360° rotate function.


*Allow 360° rotate reading


Forbid 360° rotate reading

EAN13

Scan the following bar codes to set the scanner allow or forbid reading the EAN13 codes.

*Allow

Forbidden

EAN8

Scan the following bar codes to set the scanner allow or forbid reading the EAN8 codes.

*Allow

Forbidden

UPCA

Scan the following bar codes to set the scanner allow or forbid reading the UPCA codes.

*Allow

Forbidden

UPCE0

Scan the following bar codes to set the scanner allow or forbids reading the UPCE0 codes.

*Allow

Forbidden

UPCE1

Scan the following bar codes to set the scanner allow or forbid reading the UPEI codes.

*Allow

Forbidden

Code128

Scan the following bar codes to set the scanner allow or forbid reading the code 128.

*Allow

Forbidden

Scan the following bar codes to setting the shortest reading length far the code 128.

Code 128 Info shortest length '0'

Code 128 Info shortest length '4'

Scan the following bar codes to setting the longest reading length for the code 128.



*Code 128 Info longest length '32'



Code 128 Info longest length '255'

Code39

Scan the following bar codes to set the scanner allow or forbid reading the code 39.



*Allow



Forbidden

Scan the following bar codes to setting the shortest reading length for the code 39.



Code 39 Info shortest length '0'



*Code 39 Info shortest length '4'

Scan the following bar codes to setting the longest reading length for the code 39 .



*Code 39 Info longest length '32'



Code 39 Info longest length '255'

Code93

Scan the following bar codes to set the scanner allow or forbid reading the code 93.



*Allow



Forbidden

Scan the following bar codes to set the shortest reading length for the code 93.



Code 93 Info shortest length '0'



*Code 93 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the code 93.



*Code 93 Info longest length '32'



Code 93 Info longest length '255'

CodeBar

Scan the following bar codes to set the scanner allow or forbid reading the CodeBar.



*Allow



Forbidden

Scan the following bar codes to set allow or forbid sending the prefix character for CodeBar.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the CodeBar.



CodeBar Info shortest length '0'



*CodeBar Info shortest length '4'

Scan the following bar codes to set the longesl reading length for the CodeBar.



*CodeBar Info longest length '32'



CodeBar Info longest length '255'

QR

Scan the following bar codes to set the scanner allow or forbid reading the QR Code.



*Allow



Forbidden

InTerleaved 2 oF 5

Scan the following bar codes to set the scanner allow or forbid reading the Interleaved 2 of 5 code.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Interleaved 2 of 5.



Interleaved 2 of 5 Info
shortest length '0'



* Interleaved 2 of 5 Info
shortest length '4'

Scan the following bar codes to set the longest reading length for the Interleaved 2 of 5.



*Interleaved 2 of 5 Info
longest length '32'



Interleaved 2 of 5 Info
longest length '255'

Industrial 25

Scan the following bar codes to set the scanner allow or forbid reading the Industry 25.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Industry 25.



Industry 25 Info shortest length '0'



* Industry 25 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the Industry 25.



*Industry 25 Info longest length '32'



Industry 25 Info longest length '255'

Matrix 2 of 5

Scan the following bar codes to set the scanner allow or forbid reading the Matrix 2 of 5.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Matrix 2 of 5.



Matrix 2 of 5 Info shortest length '0'



* Matrix 2 of 5 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the Matrix 2 of 5.



*Matrix 2 of 5 Info longest length '32'



Matrix 2 of 5 Info longest length '255'

Code11

Scan the following bar codes to set the scanner allow or forbid reading the Code 11.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the Code 11.



Code 11 Info shortest length '0'



*Code 11 Info shortest length '4'

Scan the following bar codes to set the longest reading length for the Code 11.



*Code 11 Info longest length '32'



Code 11 Info longest length '255'

MSI

Scan the following bar codes to set the scanner allow or forbid reading the MSI.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the MSI.



MSI Info shortest length '0'



*MSI Info shortest length '4'

Scan the following bar codes to sei the longest reading length for the MSI.



*MSI Info longest length '32'



MSI Info longest length '255'

RSS (optional)

Scan the following bar codes to set the scanner allow or forbid reading the RSS-14.



Allow



*Forbidden

Scan the following bar codes to set the scanner allow or forbid reading the limitative RSS.



Allow



*Forbidden

Scan the following bar codes to set the scanner allow or forbid reading the expanding RSS.



Allow



*Forbidden

Scan the following bar codes to set the shortest reading length for the RSS.



RSS Info shortest length '0'



*RSS Info shortest length '4'

Scan the following bar codes to set the longest reading length for the RSS.



*RSS Info longest length '32'



RSS Info longest length '255'

DM (optional)

Scan the following bar codes to set the scanner allow or forbid reading the DM.



*Allow



Forbidden

PDF417 (optional)

Scan the following bar codes to set the scanner allow or forbid reading the PDF417.



*Allow



Forbidden

EU DECLARATION OF CONFORMITY

(In accordance with EN ISO/IEC 17050-1)

EN • This declaration of conformity is issued under the sole responsibility of the manufacturer.
NL • Deze conformiteitsverklaring wordt uitgegeven onder de uitsluitende verantwoordelijkheid van de fabrikant.
FR • Cette déclaration de conformité est établie sous la responsabilité unique du fabricant.
IT • Dichiarazione di conformità è rilasciata sotto la sola responsabilità del produttore.
ES • Presente declaración de conformidad se emite bajo la responsabilidad exclusiva del fabricante.
PT • A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante.
DE • Konformitätserklärung wird unter alleiniger verantwortlichkeit des herstellers herausgegeben.
HU • Ez a megfelelőségi nyilatkozat kiállítása kizárólag a gyártó felelőssége.
PL • Niniejsza deklaracja zgodności wydana jest na wyłączną odpowiedzialność producenta.
CZ • Toto prohlášení o shodě vydává výrobce na svoji výhradní odpovědnost.
DK • Denne overensstemmelseserklæring er udelukkende udgivet på producentens eget ansvar.
NO • Denne samsvarserklæringen utstedes under produsentens eget ansvar.
SE • Denna försäkran om överensstämmelse har utfärdats på eget ansvar av tillverkaren.
FI • Tämä vaatimustenmukaisuusvakuutus on annettu valmistajan yksinomaisella vastuulla.
SI • Ta izjava o skladnosti je izdana na podlagi izključne odgovornosti proizvajalca.
GR • Η παρουσα δηλωση συμμορφωσης εκδιδεται με αποκλειστικη ευθυνη του κατασκευαστη.
TR • Bu uygunluk beyani sadece üreticinin sorumluluğunda hazirlanmiştir.

Name and address of manufacturer	**Ewent** Crocevia, 12 39057 Appiano (BZ) Italy

EN	Article number | Description	**EW3410 | 2D Barcode Scanner**
NL	Artikelnummer | Omschrijving	**EW3410 | 2D Barcode Scanner**
FR	Numéro de l'article | Description	**EW3410 | Lecteur de codes-barres 2D**
IT	Numero Articolo | Descrizione	**EW3410 | Lettore di codici a barre 2D**
ES	Número de artículo | Descripción	**EW3410 | Lector de códigos de barras 2D**
PT	Número do artigo | Descrição	**EW3410 | Leitor de códigos de barras 2D**
DE	Artikelnummer | Beschreibung	**EW3410 | 2D-Barcodescanner**
HU	Cikkszám | Leírás	**EW3410 | 2D Vonalkód szkenner**
PL	Numer artykułu | Opis	**EW3410 | Skaner kodów kreskowych 2D**
CZ	Číslo článku | Popis	**EW3410 | 2D čtečka čárového kódu**
DK	Artikelnummer | Beskrivelse	**EW3410 | 2D-stregkodescanner**
NO	Artikkelnummer | Beskrivelse	**EW3410 | 2D-strekkodeskanner**
SE	Artikelnummer | Beskrivning	**EW3410 | 2D-streckkodsläsare**
FI	Artikkelinumero | Kuvaus	**EW3410 | 2D-viivakoodiskanneri**
SI	Številka | Opis	**EW3410 | Čitalnik črtne kode 2D**
GR	Αριθμός άρθρου | Περιγραφή	**EW3410 | Σαρωτής γραμμωτού κώδικα 2D**
TR	Ürün numarası | Açıklama	**EW3410 | 2D Barkod Tarayıcı**

EN • The object of the declaration described above is in conformity with the relevant union harmonization legislation:
NL • Het hierboven beschreven voorwerp is in overeenstemming met de desbetreffende harmonisatiewetgeving van de unie:
FR • L'objet de la déclaration décrite ci-dessus est conforme à la législation d'harmonisation pertinente de l'union:
IT • Il soggetto della dichiarazione di cui sopra è conforme alla legislazione sull'armonizzazione dell'unione pertinente:
ES • Objeto de la declaración descrita anteriormente es conforme a la legislación pertinente de la unión europea en materia de armonización:
PT • O objeto da declaração descrito acima está em conformidade com a legislação de harmonização da união:
DE • Der oben beschriebene gegenstand erfüllt die relevanten eu-harmonisierungsvorgaben:
HU • A fent leírt nyilatkozat tárgya megfelel a vonatkozó uniós harmonizációs jogszabályoknak:
PL • Przedmiot deklaracji opisany powyżej jest zgodny z odpowiednim unijnym prawodawstwem harmonizacyjnym:
CZ • Předmět prohlášení popsaný výše je v souladu s relevantní legislativou harmonizace norem unie:
DK • Genstanden i erklæring, der er beskrevet ovenfor, er i overensstemmelse med den relevante eu-harmoniseringslovgivning:
NO • Formålet med erklæringen over er samsvar med den relevante eu-harmoniseringslovgivningen:
SE • Artikeln som deklarationen ovan beskriver efterlever den relevanta unionens harmoniseringslagstiftning:
FI • Yllä kuvatun ilmoituksen tarkoitus on ilmaista vaatimustenmukaisuus asiaan kuuluvan eu:n harmonisoidun lainsäädännön kanssa:
SI • Predmet navedene izjave je v skladu z ustrezno usklajevalno zakonodajo evropske unije:
GR • Το δηλωθέν αντικείμενο που περιγράφεται παραπάνω συμμορφώνεται με τη σχετική νομοθεσία περί εναρμόνισης των νομοθεσιών των κρατών μελών:
TR • Yukarida açiklanan bildirimin amaci, geçerli ab uyum mevzuatina uygundur:

Subject	Directive number	Standard / Regulation number
Restriction of Hazardous Substances (RoHS)	**2011/65/EU** **2015/863/EU**	
ElectroMagnetic Compatibility (EMC)	**2014/30/EU**	EN 55032:2015 EN 55024:2010+A1:2015 EN 61000-3-2:2014 EN 61000-3-3:2013
Other specifications REACH	**1907/2006**	

EN • Signed for and on behalf of:
NL • Ondertekend voor en namens:
FR • Signé pour et au nom de:
IT • Firmato a nome e per conto di:
ES • Firmado en nombre y representación de:
PT • Assinado por e em nome de:
DE • Unterzeichnet im namen und auftrag von:
HU • Aláírva és nevében: pl podpisano w imieniu:
CZ • Podepsáno v zastoupení a jménem:
DK • Underskrevet for og på vegne af:
NO • Signert for og på vegne av:
SE • Undertecknad för och på uppdrag av:
FI • Valmistajan puolesta allekirjoittanut:
SI • Podpisano za in v imenu:
GR • Υπογραφη για και εξ ονοματος:
TR • Aşağidakiler adina ve namina imzalayan

Place and date of issue:	**Barneveld, 23 August 2019**
Signature:	
Name, function:	**Lukas Perin, *Managing director***