



# **Touch™ 65 Pro EAS CONTACT READERS**

**QUICK REFERENCE**

**GUIDA RAPIDA**

**GUIDE RAPIDE**

**KURZANLEITUNG**

**GUÍA RÁPIDA**



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## USING TOUCH™ EAS CCD READERS



### UK

Touch™ Pro EAS CCD readers automatically scan barcodes **on contact**. All models have a button which by default must be pressed to read a code. After configuring the reader interface type, the software trigger parameter (available in this manual) can be selected so that the reader operates like a model without trigger.

Code scanning is performed along an imaginary line passing across the reading window. This imaginary line must pass through the entire code.

Successful scanning is obtained by keeping the handle of the reader parallel with respect to the code surface, see the figure above.

### I

I lettori CCD Touch™ Pro EAS leggono i codici a barre automaticamente e **a contatto**. Tutti i modelli sono dotati di pulsante che per default deve essere premuto per effettuare la lettura. Dopo aver effettuato la configurazione dell'interfaccia, il parametro "software trigger" (disponibile in questo manuale) può essere selezionato per far funzionare il lettore come un modello senza trigger.

La finestra anteriore proietta una linea luminosa che deve attraversare l'intero codice.

Le condizioni ottimali per la lettura si ottengono quando il manico del lettore viene tenuto parallelo al piano su cui si trova il codice (vedi figura).

## F

Avec les douchettes Touch™ Pro EAS, la lecture des codes s'effectue automatiquement et **par contact**. Tous les modèles sont doués d'un poussoir qui doit par défaut être appuyé pour lire le code. Après avoir configuré l'interface de lecture, on peut sélectionner le paramètre software trigger (disponible dans ce manuel) pour utiliser le lecteur comme le modèle sans poussoir.

Le code est lit par le faisceau sortant de la fenêtre de lecture de l'appareil. Ce faisceau doit traverser le code à barres à lire de part en part.

Pour des prestations optimales tenez le manche de la douchette parallèlement au code à lire (voir la figure ci-dessus).

## D

Die Touch™ Pro EAS Lesegeräte lesen Strichcodes automatisch und **in Berührung**. Alle Geräte sind mit einem Knopf versehen, der gedrückt werden muß, um die Strichcodes zu lesen. Nachdem die Schnittstelle konfiguriert wurde, kann die Parameter "software trigger" (in diesem Handbuch vorhanden) ausgewählt werden. Dabei arbeitet das Gerät ohne Trigger.

Der Code wird mittels einer Lichtlinie gelesen, die das Gerät durch das Lesefenster verläßt. Diese Lichtlinie muß den gesamten Code durchqueren.

Eine optimale Lesegarantie ist gewährleistet, wenn der Benutzer den Lesergriff bzgl. der Oberfläche, auf der sich der Code befindet, parallel hält, wie im Bild oben gezeigt wird.

## E

Los lectores CDD Touch™ Pro EAS leen automáticamente los códigos de barras **por contacto**. Todos los modelos están equipados con un pulsador que por defecto debe ser apretado para efectuar la lectura. Después de configurar el tipo de interfaz del lector, se puede seleccionar el parámetro Software Trigger (disponible en este manual) que permite el funcionamiento del lector como un modelo sin gatillo.

La ventana de lectura emite un haz de luz que debe atravesar todo el código.

Las condiciones ideales de lectura se obtienen cuando la empuñadura del lector es paralela a la superficie de lectura (ver figura de arriba).

## TAG DEACTIVATION



### UK

Since the deactivation field of the reader connected to an EAS system is greater than the reader's decoding zone, tag deactivation is assured before the barcode is read. This means that both deactivation and barcode reading are performed easily with a single natural movement.

### I

Il campo di disattivazione del lettore connesso ad un sistema EAS è maggiore dell'area di lettura del lettore stesso, per tale ragione la disattivazione del tag viene assicurata prima della lettura del codice. In questo modo con un unico e semplice gesto si effettua sia la disattivazione del tag che la lettura del codice.

### F

Puisque le champ de désactivation du lecteur connecté à un système EAS est plus grand de la zone de lecture du lecteur même, la désactivation du "tag" est assurée avant la lecture du code. Dans cette façon la désactivation du "tag" et la lecture du code sont effectuées avec un seul et simple mouvement.

### D

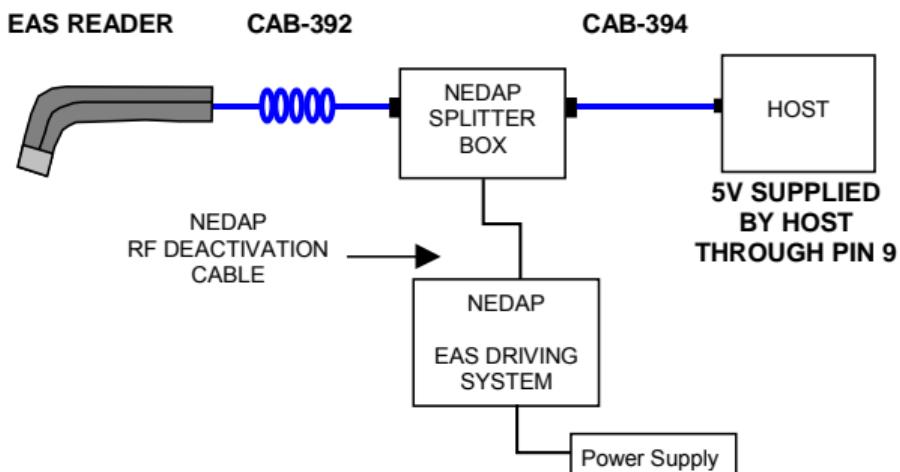
Das Deaktivierungsfeld eines Lesers, der mit einem EAS System verbunden ist, ist größer als die Decodierungszone, deswegen wird die Tagsdeaktivierung vor dem Codeslesen sichert. Auf diese Weise erlaubt eine einzige und einfache Bewegung sowohl die Deaktivierung wie das Codeslesen zu leisten.

### E

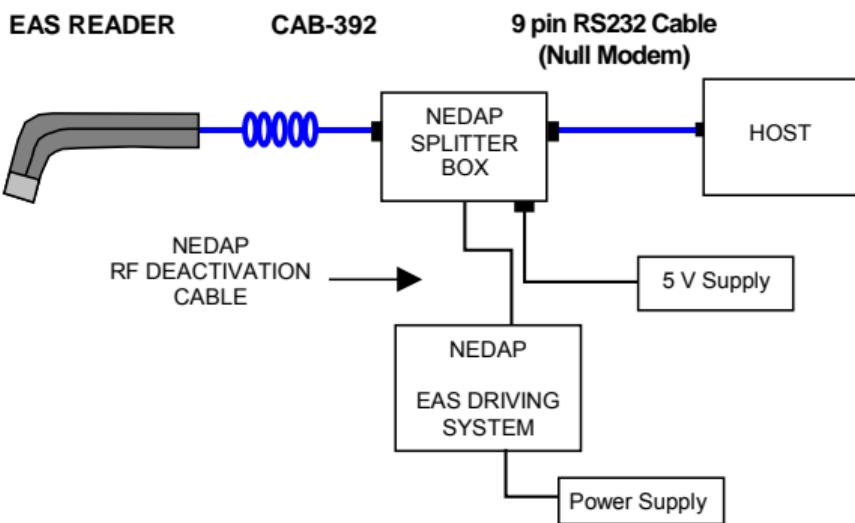
Como el campo de desactivación del lector conectado al sistema EAS es mayor del área de decodificación del lector mismo, la desactivación de las etiquetas EAS tiene lugar antes de la lectura del código de barras. De esta forma, tanto la desactivación como la lectura del código tienen lugar de forma sencilla con un único movimiento muy sencillo.

## EAS CONNECTIONS

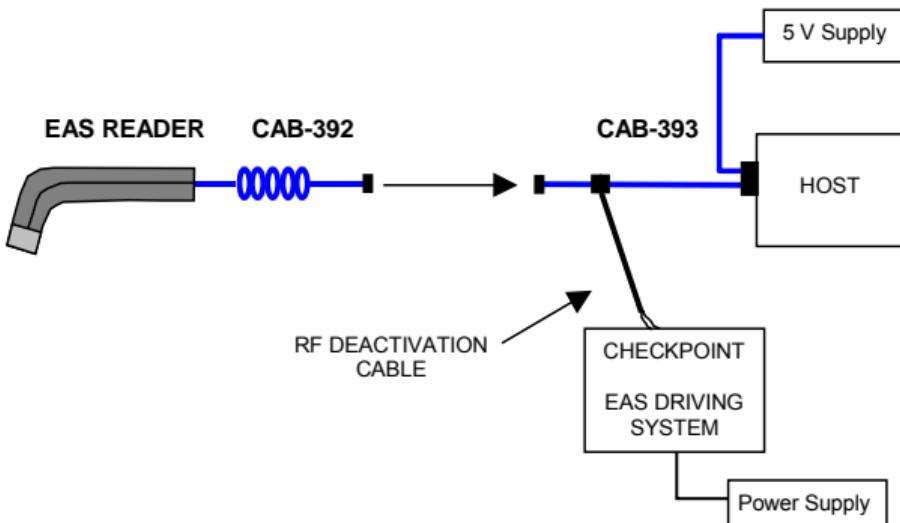
### Nedap



or



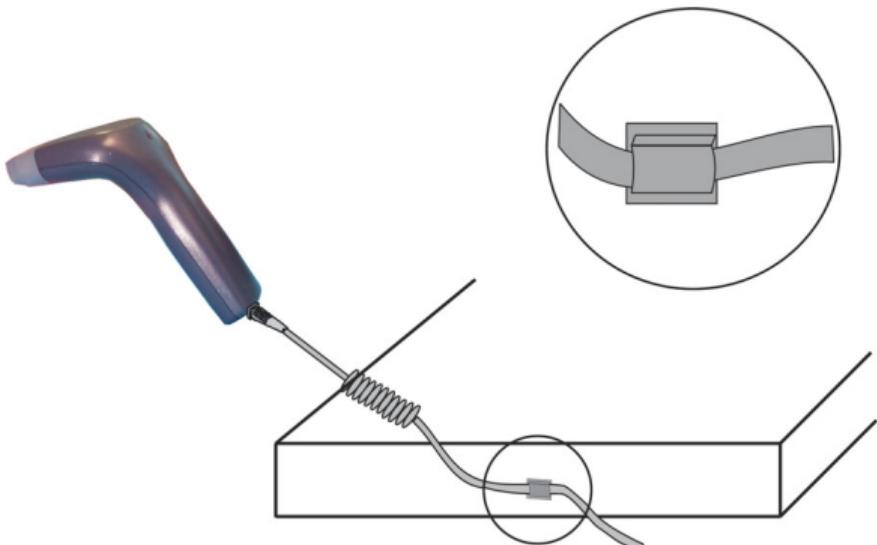
### Checkpoint



**Note:** The only valid interface selection is RS232.

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## ACCESSORIES



### UK

An adhesive cable clamp is provided to fix the cable to a surface.

### I

Il fermacavo adesivo fornito consente di fissare il cavo ad una superficie.

### F

Le serre-fil adhésive fourni permis de fixer le câble sur la surface voulue.

### D

Die klebende Kabelverschraubung erlaubt das Kabel auf die Tischoberfläche zu verschrauben.

### E

La brida adhesiva de pared permite fijar el cable en una superficie.

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## DISCONNECTING THE CABLE



# 1 DEFAULT

**UK** Read the [RESTORE DEFAULT](#).

**I** Leggere il codice che ripristina i default.

**F** Lecture du code de configuration par défaut.

**D** Lesen Sie den Restore Default Code, um die Werkseinstellung wieder herzustellen.

**E** Lea el código de reestauración predefinida.

## RESTORE DEFAULT



### RS232 Standard DEFAULT SETTINGS

9600 baud, no parity, 8 data bits, 1 stop bit, no handshaking, delay disabled, rx timeout 5 sec., ack/nack disabled, fifo enabled;

DATA FORMAT: code identifier disabled, no field adjustment, code length not transmitted, *no header*, *terminator = CR-LF*, character replacement disabled

### RS232 Nixdorf DEFAULT SETTINGS

9600 baud, parity odd, 8 data bits, 1 stop bit, handshaking hardware (RTS/CTS), delay disabled, rx timeout 9.9 sec., ack/nack disabled, FIFO enabled, serial trigger lock disabled;

DATA FORMAT: code identifier enabled, no field adjustment, code length not transmitted, *no header*, *terminator = CR*, character replacement disabled

### RS232 Fujitsu DEFAULT SETTINGS

9600 baud, no parity, 8 data bits, 1 stop bit, no handshaking, delay disabled, rx timeout 2 sec., ack/nack disabled, FIFO enabled, serial trigger lock disabled;

DATA FORMAT: code identifier enabled, no field adjustment, code length not transmitted, *no header*, *terminator = CR*, character replacement disabled

### RS232 ICL DEFAULT SETTINGS

9600 baud, parity even, 8 data bits, 1 stop bit, handshaking RTS always on, delay disabled, rx timeout 9.9 sec., ack/nack disabled, FIFO enabled, serial trigger lock disabled;

DATA FORMAT: code identifier enabled, no field adjustment, code length not transmitted, *no header*, *terminator = CR*, character replacement disabled

## **POWER SAVE**

scan rate max, standby disabled, sleep disabled

## **READING PARAMETERS**

hardware trigger, trigger active level, no trigger timeout, Flash On = 1 sec, Flash Off = .6 sec, one read per cycle, safety time .5 sec, beeper intensity high, tone 2, beeper type monotone, beeper length short

## **DECODING PARAMETERS**

ink spread enabled, overflow control enabled, interdigit control enabled, Puzzle Solver™ disabled, decoding safety = one read

## **CODE SELECTION**

### **enabled codes**

- EAN 8/EAN 13 / UPC A/UPC E without ADD ON check digit transmitted, no conversions
- Interleaved 2/5  
check digit control and transmission, variable length code; 4-99 characters
- Standard Code 39  
no check digit control, variable length code; 1-99 characters
- Code 128  
variable length code; 1-99 characters

### **disabled codes**

*EAN 128, ISBT128, Code 93, Codabar, pharmaceutical codes, MSI, Plessey, Telepen, Delta IBM, Code 11, Code 16K, Code 49, RSS Codes*

## **ADVANCED FORMATTING PARAMETERS**

concatenation disabled, no advanced formats defined

## **2 READER CONFIGURATION**

- UK** Read the interface selection code for your application.
- I** Leggere il codice per la selezione dell'interfaccia relativo al modo di comunicazione desiderato.
- F** Lecture du code "Interface" correspondant à votre modèle.
- D** Lesen Sie denjenigen Schnittstellen-Code, der Ihrem gewünschten Kommunikationsmodus entspricht.
- E** Lea el código correspondiente al modo de comunicación deseado.

### **RESTORE DEFAULT**



### **RS232**

Standard



### **POS Systems**

Nixdorf Mode A



Fujitsu



ICL Mode



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**UK YOUR READER IS NOW READY TO READ BARCODES.**

To change the defaults, see the "HHD II Software Configuration Manual", part number **90ACC1877**.

**I IL LETTORE È PRONTO A LEGGERE I CODICI.**

Per cambiare i parametri di default, fare riferimento al manuale "HHD II Software Configuration Manual", n. d'ordine **90ACC1877**.

**F VOTRE LECTEUR EST DÉSORMAIS PRÊT A L'EMPLOI POUR LA LECTURE DE CODES.**

Pour changer les paramètres voir le manuel "HHD II Software Configuration Manual" numéro d'ordre **90ACC1877**.

**D DAS LESEGERÄT IST JETZT BEREIT CODES ZU LESEN.**

Um die Werkseinstellungsparameter zu ändern, schlagen Sie im Handbuch "HHD II Software Configuration Manual" nach, Bestellnummer **90ACC1877**.

**E EL LECTOR ESTÁ PREPARADO PARA LEER CÓDIGOS DE BARRAS.**

Para cambiar los parámetros de configuración de fábrica, ver el manual "HHD II Software Configuration Manual", n. de orden **90ACC1877**.

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**TRIGGER SELECTION**

After configuring the reader interface type, the software trigger parameter can be selected so that the reader operates like a model without trigger.

Software Trigger



◆ Hardware Trigger



### **3 OPERATING TEST**

**UK** Read the TEST codes below.

**I** Leggere i codici di test.

**F** Lire les codes tests.

**D** Lesen Sie die Test-Coden.

**E** Lea los códigos de prueba.

**EAN-8**



**EAN-13**



**Code 39 (Normal)**



**Code 128**



**Interleaved 2 of 5**



## **TECHNICAL FEATURES**

### **Touch™ 65 Pro EAS**

<b>Electrical Features</b>	
Power supply	5 Vdc ± 5%
Consumption:	
Maximum	150 mA @ 5 Vdc
Operating	100 mA @ 5 Vdc
Sleep mode & USB Suspend Mode	< 500 mA @ 5 Vdc
Sensor	CCD solid state (2048 pixels)
Max. Scan Rate	256 scans/sec
Reading Field	63 mm typical typical
Max. resolution	0.10 mm, (4 mils)
PCS	min. 15% (Datalogic Test Chart)
Reading indicators	LED, Beeper
<b>Environmental Features</b>	
Working Temperature	0 °C to + 55 °C
Storage Temperature	-20 °C to + 70 °C
Humidity	90% non condensing
Drop resistance	1.2 m
ESD Protection	16 KV
Protection Class	IP30
<b>Mechanical Features</b>	
Weight (without cable)	About 160 g.
Cable length unstretched	1 m

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## **WARRANTY**

Datalogic warranties this product against defects in workmanship and materials, for a period of 5 years from the date of shipment, provided that the product is operated under normal and proper conditions.

Datalogic has the faculty to repair or replace the product, these provisions do not prolong the original warranty term.

The warranty does not apply to any product that has been subject to misuse, accidental damage, unauthorized repair or tampering.

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## **SERVICES AND SUPPORT**

Datalogic provides several services as well as technical support through its website.

Log on to **[www.datalogic.com/services](http://www.datalogic.com/services)** and click on the links indicated for further information including:

- **Datalogic Services** – Warranty Extensions and Maintenance Agreements
- **Downloads**– Software Downloads, Manuals and Catalogues
- **Contact Us** – Listing of Datalogic Subsidiaries and Quality Partners
- **Authorised Repair Centres**
- **Products >Hand-Held Readers >Software Tools** – **DL Sm@rtSet™**

DL Sm@rtSet™ is a Windows-based utility program which allows device configuration using a PC. It provides RS232 interface configuration as well as configuration barcode printing.

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## PATENTS

This product is licensed under one or more of the following U.S. patents:

4,894,523; 5,021,642; and 6,158,661

This product is covered by one or more of the following patents:

U.S. patents 5,917,176; 5,992,740; 6,010,073; 6,305,606 B1; 6,517,003 B2; and 6,712,271 B2

European patents 829,814 B1; 851,378 B1; and 895,175 B1

Additional patents pending

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## FCC COMPLIANCE

This device complies with PART 15 of the FCC Rules. Operation is 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 which may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**DATALOGIC S.p.A.,**  
**Via Candini, 2**  
**40012 - Lippo di Calderara**  
**Bologna - Italy**



dichiara che  
declares that the  
déclare que le  
bescheinigt, daß das Gerät  
declare que el

**TouchXX Pro EAS**

e tutti i suoi modelli  
and all its models  
et tous ses modèles  
und seine Modelle  
y todos sus modelos

sono conformi alle Direttive del Consiglio Europeo sottoelencate:  
are in conformity with the requirements of the European Council Directives listed below:  
sont conformes aux spécifications des Directives de l'Union Européenne ci-dessous:  
den nachstehenden angeführten Direktiven des Europäischen Rats:  
cumple con los requisitos de las Directivas del Consejo Europeo, según la lista  
siguiente:

<b>89/336/EEC EMC Directive</b>	<b>92/31/EEC, 93/68/EEC</b>	emendamenti successivi
and		further amendments
et		ses successifs amendements
und		späteren Abänderungen
y		succesivas enmiendas

Basate sulle legislazioni degli Stati membri in relazione alla compatibilità elettromagnetica ed alla sicurezza dei prodotti.  
On the approximation of the laws of Member States relating to electromagnetic compatibility and product safety.  
Basée sur la législation des Etats membres relative à la compatibilité électromagnétique et à la sécurité des produits.  
Über die Annäherung der Gesetze der Mitgliedsstaaten in bezug auf elektromagnetische Verträglichkeit und Produktsicherheit entsprechen.  
Basado en la aproximación de las leyes de los Países Miembros respecto a la compatibilidad electromagnética y las Medidas de seguridad relativas al producto.

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:  
This declaration is based upon compliance of the products to the following standards:  
Cette déclaration repose sur la conformité des produits aux normes suivantes:  
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:  
Esta declaración se basa en el cumplimiento de los productos con las siguientes normas:

**EN 55022, August 1994:**

LIMITS AND METHODS OF MEASUREMENTS OF  
RADIO DISTURBANCE CHARACTERISTICS OF  
INFORMATION TECHNOLOGY EQUIPMENT (ITE)

**EN 55024, September 1998:**

INFORMATION TECHNOLOGY EQUIPMENT.  
IMMUNITY CHARACTERISTICS. LIMITS AND  
METHODS OF MEASUREMENTS

Lippo di Calderara, 15/03/2004

*Ruggero Cacioppo*

Ruggero Cacioppo  
Quality Assurance Supervisor