

DATALOGIC

Touch™ 65 Pro EAS CONTACT READERS

QUICK REFERENCE

GUIDA RAPIDA

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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

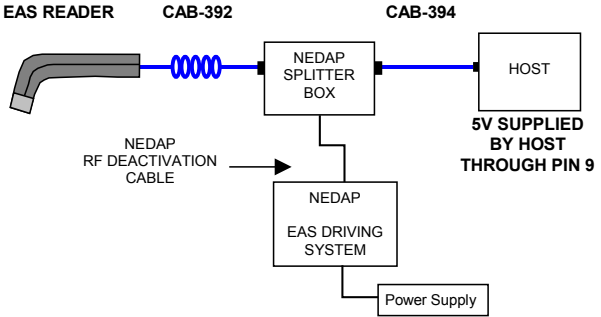
Das Deaktivierungsfeld eines Lesers, der mit einem EAS System verbunden ist, ist größer als die Decodierungszone, deswegen wird die Tagsdeaktivierung vor dem Codelesen sichert. Auf diese Weise erlaubt eine einzige und einfache Bewegung sowohl die Deaktivierung wie das Codelesen zu leisten.

E

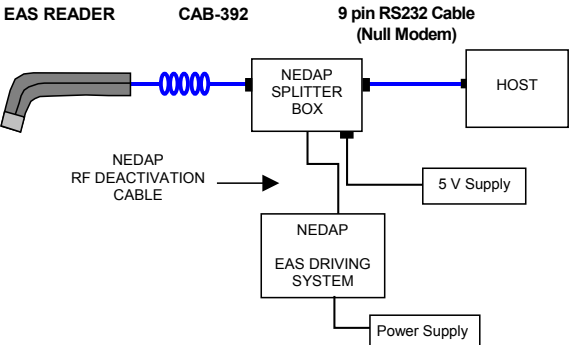
Como el campo de desactivación del lector conectado al sistema EAS es mayor del área de decodificación del lector mismo, la desactivación de las etiquetas EAS tiene lugar antes de la lectura del código de barras. De esta forma, tanto la desactivación como la lectura del código tienen lugar de forma sencilla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

EAS CONNECTIONS

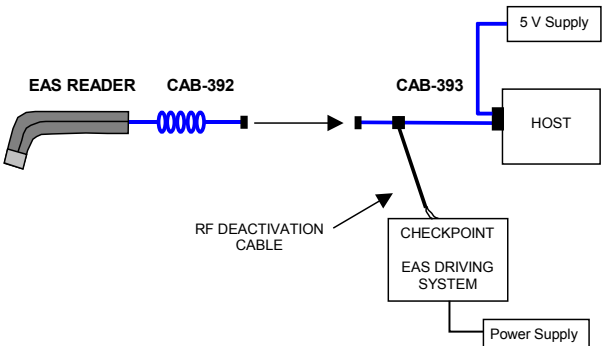
NEDAP



or

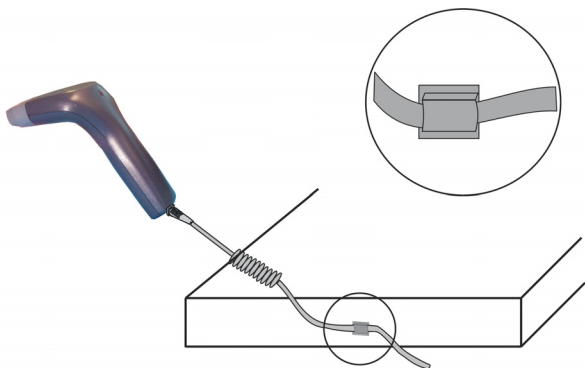


CHECKPOINT



Note: The only valid interface selection is RS232.

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.

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 reastauración 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, serial trigger lock disabled;

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 disabled, 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



-
- UK YOUR READER IS NOW READY TO READ CODES.**
To change the defaults refer to the "HHD II Software Configuration Manual", part number **90ACC1877**, or to the DL Sm@rtSet™ Configuration program, both downloadable from the website.
- I IL LETTORE È PRONTO PER LEGGERE I CODICI.**
Per cambiare le impostazioni di default fare riferimento al manuale "HHD II Software Configuration Manual", n. d'ordine **90ACC1877**, oppure al programma di configurazione DL Sm@rtSet™. Entrambi sono scaricabili dal sito web.
- F VOTRE LECTEUR EST PRÊT POUR LA LECTURE DE CODES.**
Pour changer les paramètres voir le manuel "HHD II Software Configuration Manual" numéro d'ordre **90ACC1877**, ou bien le programme de configuration DL Sm@rtSet™. Le manuel et le programme peuvent être téléchargés de notre site internet.
- D DAS LESEGERÄT IST JETZT BEREIT CODES ZU LESEN.**
Um die Werkseinstellungsparameter zu ändern, konsultieren Sie entweder das Handbuch "HHD II Software Configuration Manual", Bestellnummer **90ACC1877**, oder nehmen das Konfigurationsprogramm DL Sm@rtSet™ zu Hilfe. Sie können beide von der Internetseite herunterladen.
- E EL LECTOR ESTÁ AHORA LISTO PARA LEER CÓDIGOS.**
Para cambiar los parámetros de configuración de fábrica, ver el manual "HHD II Software Configuration Manual", n. de orden **90ACC1877**, o bien el programa de configuración DL Sm@rtSet™. Ambos pueden descargarse de la página web.

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

Electrical Features	
Power supply	5 Vdc \pm 5%
Consumption: Maximum Operating Sleep mode & USB Suspend Mode	150 mA @ 5 Vdc 100 mA @ 5 Vdc < 500 mA @ 5 Vdc
Max. Scan Rate	256 scans/sec
Reading indicators	LED, Beeper
Optical Features	
Sensor	CCD solid state (2048 pixels)
Reading Field	63 mm typical typical
Max. resolution	0.10 mm, (4 mils)
PCS	min. 15% (Datalogic Test Chart)
Environmental Features	
Working Temperature	0° to + 55 °C / 32° to 131 °F
Storage Temperature	-20° to + 70 °C / -4° to 158 °F
Humidity	90% non condensing
Drop resistance	1.2 m (3 ft. 11 in.)
ESD Protection	16 KV
Protection Class	IP30
Mechanical Features	
Weight (without cable)	About 160 g. (5.6 oz.)
Cable length unstretched	1 m (39 in.)

WARRANTY

Datalogic warrants 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.

PATENTS

This product is licensed under the following U.S. patent:

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.

SERVICES AND SUPPORT

Datalogic provides several services as well as technical support through its website. Log on to **www.datalogic.com** and click on the links indicated for further information including:

- **PRODUCTS**

Search through the links to arrive at your product page where you can download specific **Manuals** and **Software & Utilities** including:

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

- **SERVICES & SUPPORT**

- **Datalogic Services** - Warranty Extensions and Maintenance Agreements
- **Authorised Repair Centres**

- **CONTACT US**

E-mail form and listing of Datalogic Subsidiaries

COMPLIANCE

FCC COMPLIANCE

Modifications or changes to this equipment without the expressed written approval of Datalogic could void the authority to use the equipment.

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.

WEEE COMPLIANCE



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declares that the
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bescheinigt, daß das Gerät
declare que el

Touch XX-XX-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:

89/336/EEC EMC Directive	e	92/31/EEC, 93/68/EEC	emendamenti successivi
	and		further amendments
	et		ses successifs amendements
	und		späteren Abänderungen
	y		sucesivas 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:

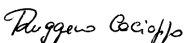
**EN 55022 (CLASS B ITE), August 1994:
AMENDMENT A1 (CLASS B ITE), October 2000:**

LIMITS AND METHODS OF MEASUREMENTS OF RADIO DISTURBANCE CHARACTERISTICS OF INFORMATION TECHNOLOGY EQUIPMENT

EN 55024, September 1998:

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

Lippo di Calderara, 08/09/2005


Ruggero Cacioppo
Quality Assurance Laboratory Manager