



NSAI
Standards

Irish Standard
I.S. EN 1332-3:2008

Identification card systems - Man-machine interface - Part 3: Keypads

I.S. EN 1332-3:2008

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i> I.S. EN 1332-3:1999	<i>This document is based on:</i> EN 1332-3:2008 EN 1332-3:1999	<i>Published:</i> 20 August, 2008 24 September, 1999	
This document was published under the authority of the NSAI and comes into effect on: 3 October, 2008		ICS number: 35.240.15	
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Údarás um Chaighdeáin Náisiúnta na hÉireann			

English Version

Identification card systems - Man-machine interface - Part 3: Keypads

Systèmes de cartes d'identification - Interface homme-
machine - Partie 3: Claviers

Identifikationskartensysteme - Schnittstelle Mensch-
Maschine - Teil 3: Tastenfelder

This European Standard was approved by CEN on 18 July 2008.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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Foreword

This document (EN 1332-3:2008) has been prepared by Technical Committee CEN/TC 224 "Identification card systems", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2009, and conflicting national standards shall be withdrawn at the latest by February 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1332-3:1999.

This European Standard is one of a series of standards, under the general title "Identification card systems — Man-machine interface" and the different parts are the following:

- *Part 1 : Design principles for the user interface*
- *Part 2 : Dimensions and location of a tactile identifier for ID-1 cards*
- *Part 3 : Keypads*
- *Part 4 : Coding of user requirements for people with special needs*
- *Part 5 : Raised tactile symbols for differentiation of application on ID-1 cards*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Machine readable cards facilitate the provision of a growing variety of services across Europe. The purpose of EN 1332 is to increase the accessibility of these services for the benefit of consumers. This will be achieved by facilitating the inter-sector and cross-border interoperability of machine readable cards and to do so with the maximum possible degree of user-friendliness.

EN 1332 addresses the needs of all users, including people with special needs, for example the aged, minors, the disabled, the visually impaired, those with learning difficulties, first time users and those not conversant with the local language.

EN 1332 specifies:

- a) design principles for the user interface (including symbols) to be incorporated into the design of card operated devices, but not the machine operations associated with the selection and delivery of goods or services ;
- b) tactile identifiers incorporated into the design of machine readable cards ;
- c) standard layout for the keypads of card operated devices ;
- d) coding of user requirements for people with special needs ;
- e) tactile markings for differentiating cards by application.

The contents of EN 1332 are generically based, not sector specific, and cover card operated devices. It is recognised that the equipment may also be operated by other means, such as the insertion of notes and coins, but the scope of this standard has been, as indicated, narrowly defined.

Issues relating to such consumer concerns at the man-machine interface as PIN presentation are not dealt with in EN 1332.

The EN 1332 standard has been completed with CEN/TS 15291 – Guidance on design for accessible card-activated devices. This technical specification provides guidance for the design and location of card-activated devices and the immediate environment to facilitate access for the users.

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