Quantities and units -- Part 14: Telebiometrics related to human physiology

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 80000-14

April 2009

ICS 01.060

English version

Quantities and units - Part 14: Telebiometrics related to human physiology

(IEC 80000-14:2008)

Grandeurs et unités - Partie 14: Télébiométrique relative à la physiologie humaine (CEI 80000-14:2008)

Größen und Einheiten - Teil 14: Telebiometrische Identifizierung unter den Bedingungen der Physiologie des Menschen (IEC 80000-14:2008)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of the International Standard IEC 80000-14:2008, prepared by IEC TC 25, Quantities and units, in co-operation with ISO/TC 12, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 80000-14 on 2009-04-01 without any modification.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2010-04-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2012-04-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 80000-14:2008 was approved by CENELEC as a European Standard without any modification.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
ISO 80000-1	-[1)]	Quantities and units - Part 1: General	-	-
ISO 80000-3	2006	Quantities and units - Part 3: Space and time	-	-
ISO 80000-4	2006	Quantities and units - Part 4: Mechanics	-	-
ISO 80000-5	-[2)]	Quantities and units - Part 5: Thermodynamics	-	-
IEC 80000-6	-[2)]	Quantities and units - Part 6: Electromagnetism	EN 80000-6	2008[3)]
ISO 80000-7	-[2)]	Quantities and units - Part 7: Light	-	-
ISO 80000-8	-[2)]	Quantities and units - Part 8: Acoustics	EN ISO 80000-8	2007[3)]
ISO 80000-9	-[2)]	Quantities and units - Part 9: Physical chemistry and molecular physics	-	-
ISO 80000-10	-[1)]	Quantities and units - Part 10: Atomic and nuclear physics	-	-
ITU-T Recommendation X.1081	-[2)]	The telebiometric multimodal model - A framework for the specification of security and safety aspects of telebiometrics	-	-
VIM	2008	International Vocabulary of Metrology - Basic and General Concepts and Associated Terms	-	-

[1)] At draft stage.

[2)] Undated reference.

[3)] Valid edition at date of issue.

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QUANTITIES AND UNITS –

Part 14: Telebiometrics related to human physiology

1 Scope

In this part of ISO/IEC 80000 names, symbols, and definitions for quantities and units of telebiometrics related to human physiology are given.

This part of ISO/IEC 80000 encompasses quantities and units for physiological, biological or behavioural characteristics that might provide input or output to telebiometric identification or verification systems (recognition systems), including any known detection or safety thresholds.

It also includes quantities and units concerned with effects on a human being caused by the use of a telebiometric device.

NOTE The quantities and units, their names and letter symbols, specified here are those widely used in the disciplines and specialities related to telebiometrics: the telebiometric industry and telebiometry. Telebiometric units are SI units (see ISO 80000-1).

A code and an associated graphical symbol for the identification of the type of a telebiometric device are also specified in this part of ISO/IEC 80000.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 80000-1, *Quantities and units — Part* 1: *General*[2]

ISO 80000-3:2006, *Quantities and units — Part* 3: *Space and time*

ISO 80000-4:2006, *Quantities and units — Part* 4: *Mechanics*

ISO 80000-5, *Quantities and units — Part* 5: *Thermodynamics*

IEC 80000-6, *Quantities and units — Part* 6: *Electromagnetism*[2]

ISO 80000-7, *Quantities and units — Part* 7: *Light*[2]

ISO 80000-8, *Quantities and units — Part* 8: *Acoustics*

ISO 80000-9, *Quantities and units — Part* 9: *Physical chemistry and molecular physics*[2]

ISO 80000-10, *Quantities and units — Part 10: Atomic and nuclear physics*

ITU-T Rec. X.1081, *The Telebiometric Multimodal Model — A Framework for the Specification of Security and Safety Aspects of Telebiometrics*

VIM (2007), *International Vocabulary of Metrology — Basic and General Concepts and Associated Terms – 3rd edition*

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2) In preparation.

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