

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Wearable electronic devices and technologies –  
Part 101-1: Terminology**

**Technologies et dispositifs électroniques prêts-à-porter –  
Partie 101-1: Terminologie**



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The text of this International Standard is based on the following documents:

FDIS	Report on voting
124/144/FDIS	124/147/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

A list of all parts in the IEC 63203 series, published under the general title *Wearable electronic devices and technologies*, can be found on the IEC website.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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# WEARABLE ELECTRONIC DEVICES AND TECHNOLOGIES –

## Part 101-1: Terminology

### 1 Scope

This document provides terminology frequently used in literature related to wearable electronic devices and technologies in the IEC 63203 series. This list includes wearable electronic devices and technologies, near-body wearable electronics, on-body wearable electronics, in-body wearable electronics, and electronic textiles.

### 2 Normative references

There are no normative references in this document.

### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

#### 3.1

##### **wearable electronic device**

electronic device intended to be located near to, on, or in, a human body

##### 3.1.1

##### **near-body wearable electronic device**

##### **near-body wearable electronics**

wearable electronic device intended to be located near a human body but which does not make direct contact with its external surface

Note 1 to entry: Equipment that is not wearable (e.g. that operates in close proximity to the human body) is not considered to be near-body wearable electronics.

##### 3.1.2

##### **on-body wearable electronic device**

##### **on-body wearable electronics**

wearable electronic device intended to be located on the external surface of a human body and which makes direct contact with it

Note 1 to entry: Portable equipment that is held in hand during use is not considered to be on-body wearable electronics.

##### 3.1.3

##### **in-body wearable electronic device**

##### **in-body wearable electronics**

wearable electronic device intended to be located inside a human body