

# INTERNATIONAL STANDARD

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**Eyewear display –  
Part 1-2: Generic – Terminology**





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IEC Secretariat  
3, rue de Varembe  
CH-1211 Geneva 20  
Switzerland

Tel.: +41 22 919 02 11  
[info@iec.ch](mailto:info@iec.ch)  
[www.iec.ch](http://www.iec.ch)

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**Eyewear display –  
Part 1-2: Generic – Terminology**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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**EYEWEAR DISPLAY –****Part 1-2: Generic – Terminology**

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IEC 63145-1-2 has been prepared by IEC technical committee TC 110: Electronic displays. It is an International Standard.

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

Draft	Report on voting
110/1432/FDIS	110/1443/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.

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).

A list of all parts in the IEC 63145 series, published under the general title *Eyewear display*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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- replaced by a revised edition, or
- amended.

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## EYEWEAR DISPLAY –

### Part 1-2: Generic – Terminology

#### 1 Scope

This part of IEC 63145 provides terms that are used in the field of eyewear displays for augmented reality, virtual-reality, mixed reality, and the image or video rendering on these displays.

#### 2 Normative references

There are no normative references in this document.

#### 3 Terms and definitions

##### 3.1 General

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>

##### 3.2 Classification of terms

Terms for eyewear displays, their optical systems, and image rendering are classified as follows:

- display types (3.3)
- computer-generated visual environment (3.4)
- display optical system and related terms (3.5)
- optical performance related terms (3.6)
- performance characteristics (3.7)
- visual ergonomics (3.8)
- display electronics and related terms (3.9)
- terms related to image rendering (3.10)