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**Information technology - Elderly-oriented general requirement  
of biometric product**

信息技术 生物特征识别产品适老化通用要求

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## Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for

standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Information technology, biometric identification, products for the elderly General requirements

## 1 Scope

This document specifies the basic requirements for biometric identification products with aging-friendly features, as well as facial recognition products with aging-friendly features.

Specific requirements for products, fingerprint recognition products, iris recognition products, hand blood vessel recognition products, and voiceprint recognition products.

This document is applicable to the design, development and evaluation of biometric identification products with aging-friendly functions.

Note. Due to physical disabilities or cognitive impairments, some elderly people may not be able to use biometric recognition products with age-friendly features. These situations are beyond the scope of this document. The scope of the file.

## 2 Normative references

GB/T 35273

GB/T 40660

GB/T 40694.1

## 3 Terms and definitions

The following terms and definitions apply to this document.

### 3.1

According to the user's screen instructions or gesture instructions, the text and image annotations displayed on the screen are converted into voice output. Function.

Note. The screen reading function is also called the screen reading function.

### 4.1 Product Type

During use, since the vision, hearing, receptive ability and coordination of some elderly people will deteriorate with age, Biometric recognition products need to have easy-to-understand, easy-to-operate, clear and accurate human-computer interaction functions.

Special products are mainly designed to meet the needs of the elderly, and related functions are usually implemented in the terminal.

Biometric identification terminal products are mainly divided into mobile terminals and fixed

terminals.

a) Application scenarios of mobile terminals mainly include mobile terminal screen unlocking, application login, payment, etc.;

b) Fixed terminals mainly refer to those that integrate biometric recognition technology, including access control gates, subway gates, smart locks, and smart card punching machines. Machine, etc.

This document proposes corresponding requirements for the above two types of products. Product developers should choose appropriate