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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 40694.5-2022

**Information technology - Pictograms, icons and symbols for
use with biometric systems - Part 5: Face applications**

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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 of Standardization Documents" drafted.

This document is part 5 of GB/T 40694 "Information technology for biometric identification systems, diagrams, icons and symbols".

GB/T 40694 has released the following parts.

--- Part 1. General;

--- Part 5. Face application;

--- Part 9. Vascular applications.

This document is equivalent to ISO /IEC 24779-5:2020 "Cross-jurisdictional and social aspects of the implementation of biometrics in information technology"

Illustrations, Icons and Symbols for Biometric Identification Systems Part 5. Face Applications.

The following minimal editorial changes have been made to this document.

--- In order to harmonize with existing standards, change the name of the standard to "Illustrations, Icons and Symbols of Information Technology for Biometric Identification Systems"

No. Part 5. Face Applications."

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

At present, biometric identification technology has been widely used in public terminals, including unattended, manned or only partially-attended terminal devices.

equipment; for example, multiple terminal equipments on duty by one person, or multiple terminal equipments on duty via CCTV and audio links.

Language-independent symbols (e.g., icons) that indicate biometric and/or command modality, especially for occasional users

want. Often, more presentation modalities (eg, visual, auditory, or tactile) are desired. GB/T 40694 series of standards only address visual presentation

question.

Due to the lack of widely used standard diagrams, icons and symbols, manufacturers use their own proprietary diagrams, icons and symbols for screen

Screen display, which may cause confusion for public users of self-service terminals. So a standard diagram, icon and symbology is required.

GB/T 40694 "Graphics, Icons and Symbols of Information Technology for Biometric Identification Systems" according to different biometric identification modes

The different needs of users are planned to be composed of 4 parts.

--- Part 1.General. The purpose is to define a series of pictorial,

Icons and symbols for the design and use of biometric systems.

--- Part 4.Fingerprint application. The purpose is to define a series of pictograms, icons and symbols used in fingerprint identification to assist the public

User understands the concepts and processes of capturing and/or processing fingerprints using electronic systems.

--- Part 5.Face application. The purpose is to define a series of pictorial,

Icons and symbols for the design and use of face recognition systems.

--- Part 9.Vascular applications. The purpose is to define a series of diagrams, icons and symbols used in vessel image recognition, suitable for

Design and use of a blood vessel image recognition system.

Illustration of information technology used in biometric identification system,

Icons and Symbols Part 5.Face Applications

1 Scope

The GB/T 40694 series of standards focus on the interaction with the data collection subject.

This document contains a series of diagrams, icons and symbols to help the public understand the concepts of capturing and/or evaluating face images using electronic systems

thought and process. Operators may use this document as well as other symbols and information. The design of the series of illustrations, icons and symbols can be

Used for.

- Identify the type of biometric sensor;
- Provide support instructions related to face image collection.

To provide this functionality, the series of illustrations, icons and symbols includes directional illustrations, icons and symbols as well as action or feedback illustrations, icons and symbols. Illustrations, icons and symbols of these face images include.

- face image collection;
- individual;
- bareheaded;
- No sunglasses;
- natural expressions;
- hair up;
- Visual direction.

Although the illustrations, icons and symbols are shown individually, the illustrations, icons and symbols are intended to be combined to fully illustrate the face image acquisition interaction. For example, in a customs or immigration environment procedure, a procedure consisting of individual diagrams, icons and symbols can be represented as.

- a series of posters while waiting to use the biometric identification system;
- A series of dynamic pictures on the biometric identification console;
- An animated video or a series of dynamic pictures for passengers to watch while queuing;
- Instruction leaflets for passengers to read while queuing.

2 Normative references

There are no normative references in this document.

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

ISO and IEC maintain terminology databases for standardization at.

4 Compliance

If the definitions of diagrams, icons and symbols used in biometric systems follow the methods provided in Chapter 5, they are in compliance with this document