

ICS 35.240.15
CCS L71



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

GB/T 44248-2024

**Information technology - Biometrics - Face recognition system
application requirements**

信息技术 生物特征识别 人脸识别系统应用要求

Issued on: July 24, 2024

Implemented on: February 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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. This document was proposed and coordinated by the National Technical Committee for Information Technology Standardization (SAC/TC28). This document was drafted by: China Electronics Technology Standardization Institute, Shanghai SenseTime Intelligent Technology Co., Ltd., SDIC Intelligent (Xiamen) Information Co., Ltd., Yuncong Technology Group Co., Ltd., Jiangsu CESI Technology Development Co., Ltd., Lenovo Zhongtian Technology Co., Ltd., Qingdao Hisense Network Technology Co., Ltd., Shanghai Yitu Network Technology Co., Ltd., Hangzhou Hikvision Digital Technology Co., Ltd., Beijing Yanshen Technology Co., Ltd., Beijing Wanlihong Technology Co., Ltd., Xingtang Communication Technology Co., Ltd., National Industrial Information Security Development Research Institute Center, Sichuan

University Zhisheng Software Co., Ltd., Huawei Technologies Co., Ltd., China Science and Technology Vision (Beijing) Technology Co., Ltd., Jianxin Financial Technology Co., Ltd., China Cybersecurity Review and Certification and Market Supervision Big Data Center, China Mobile (Zhejiang) Innovation Research Institute Co., Ltd., The First Research Institute of the Ministry of Public Security, the Third Research Institute of the Ministry of Public Security, Rockwell Automation Technology Group Co., Ltd., Mashang Consumer Finance Co., Ltd., Zhejiang Dahua Technology Co., Ltd., JD Technology Information Technology Co., Ltd., Shenzhen Tencent Computer Systems Co., Ltd., Ant Technology Group Co., Ltd., Beijing University of Posts and Telecommunications, Beijing University of Civil Engineering and Architecture, Shenzhen Intellifusion Technology Co., Ltd., Xiamen Enki Technology Co., Ltd. Company, iFLYTEK Co., Ltd., Guangdong Zhongke Zhenheng Information Technology Co., Ltd., Newland Digital Technology Co., Ltd., Beijing Bai Duwangxun Technology Co., Ltd., Hubei University for Nationalities, Jiangsu Zhongwei Technology Software System Co., Ltd., Nantong Tiancheng Optoelectronics Technology Co., Ltd., Shenzhen Shenzhen Fangxuntong Information Technology Co., Ltd., Shenzhen Dingtaifu Technology Co., Ltd., Shandong Zhiqun Information Technology Co., Ltd., Shenzhen Jie Shun Technology Industry Co., Ltd., Xi'an Kaihong Electronic Technology Co., Ltd., DDPAL (Shenzhen) Technology Co., Ltd., Tianfu (Dongguan) Standard Technology Co., Ltd., Beijing Hongcheng Innovation Technology Co., Ltd., Enki Technology Co., Ltd., Shenzhen Jieyi Technology Co., Ltd., Shenzhen Junhai Sichuang Technology Development Co., Ltd., Xiamen Dinake Intelligent Technology Co., Ltd., Bishengyun (Wuhan) Information Technology Co., Ltd. Co., Ltd., Sike Intelligent Hardware (Shaoxing) Co., Ltd., Shenzhen Black Gold Industrial Manufacturing Co., Ltd., Guangzhou Shoumai Intelligent Technology Co., Ltd., Beijing Kuang Vision Technology Co., Ltd., Shanghai Institute of Metrology and Testing Technology, Shenzhen Jinghong Technology Co., Ltd., GRG Yuntong Group Co., Ltd., Guangdong Shenchuang Optoelectronics Technology Co., Ltd., Shenzhen Mengzuofang Technology Co., Ltd., Migu Digital Media Co., Ltd., Shenzhen Saifeim Technology Co., Ltd., Orbbec Technology Group Co., Ltd., Digital Guangdong Network Construction Co., Ltd., Shenzhen Haohan Excellence Technology Co., Ltd. Co., Ltd., Shanxi Sanyouhe Wisdom Information Technology Co., Ltd., Feinomenzhen (Beijing) Technology Co., Ltd., Zhejiang Hengke Industrial Co., Ltd., East China Branch of China Electronics Standardization Institute and Shenzhen CESI Information Technology Co., Ltd. The main drafters of this document are. Song Jiwei, Zhong Chen, Wang Wenfeng, Jiang Hui, Song Fangfang, Wu Hongwei, Li Jun, Zhang Yupeng, Zhang Zeyang, Wang Haibin, Lü Fanbing, Su Liwei, Zhao Chunhao, Yang Pengju, Yang Chunlin, Yang Zhanjin, Li Wei, Han Tianshu, Liu Yongdong, Zhu Qianqian, Fu Keren, Dai Liefeng, Yu Kai, Ge Guojing, Xu Teng, Cui Qi, Yan Xiaoliang, Geng Li, Wang Xiaozheng, Jiang Jian, Lin Chuan, Liu Yuexia, Li Wei, Zeng Dingheng, Wen Liangjun, Shan Xinyuan, Sun Shiyong, Lin Guanchen, He Zhaofeng, Tian Qichuan, Wang Zhifang, He Yuhong, Wu Ziyang, Yang Jingfeng, Cai Chunshui, Jiang Xiaolin, Hu Tao, Li Jun, He Zhong, Shen Biao, Xie Xin, Lin Zhiqiang, Li Zhiwen, He Jun, Xu Jianmin, Luo Yong, Zheng Cheng, Tian Chuan, Lin Xiaoqing, Han Yunheng, Wang Yong,

Chen Qicheng, Wang Ying, Lu Huiliang, Hong Wang, Wang Jin, Liu Jia, Sun Rongrong, Huang Huan, Zhang Liepiao, Zeng Erlin, Chen Yongli, Yu Hang, Zhou Xiao, Xu Xing, Li Zujin, Chen Min, Pan Xiaoguang, Shen Yushi, Zhang Maoheng, Zhao Junli, and He Zhiyong. Information technology biometrics face recognition System application requirements

1 Scope

GB/T 44248-2024 sets the requirements for applying face recognition systems. China deployed face recognition faster and more widely than anywhere else and then began to constrain it, through the Personal Information Protection Law and the rules on its use in residential compounds, hotels and shops; the standard sits in that second phase, and is concerned less with matching accuracy than with whether a given deployment should exist and how it is governed. It sets the basic requirements, then the planning and evaluation of an application, covering the justification of the deployment and its assessment, the construction and acceptance of the system, the operation and the termination of the system - including what happens to the collected templates when it is switched off - and the application management, covering the management system and the data management. It takes effect on 1 February 2025.

This document specifies the basic requirements for the application of face recognition systems, as well as planning and evaluation, construction and acceptance, system operation and maintenance, and termination, application Management and other requirements. This document is applicable to organizations related to face recognition systems that carry out face recognition system applications, as well as third-party evaluation agencies and other organizations that conduct face recognition system evaluations. Evaluation, management and supervision of facial recognition system applications.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 35273-2020 Information security technology Personal information security specification

GB/T 40660 Information security technology Basic requirements for biometric identification information protection

GB/T 40694.5 Information technology - Diagrams, icons and symbols for biometric

recognition systems - Part

3 Terms and definitions

The terms and definitions defined in GB/T 41772-2022 and the following apply to this document.

3.1 face image faceimage An analog or digital representation of a natural person's facial information.

Note. Face images can be collected from equipment or obtained through videos, digital photos, etc. The main types include visible light images, non-visible light images (such as infrared images), 3D images, etc. [Source: GB/T 41819-2022, 3.1]

3.2 face recognition data facerecognitiondata Facial images or facial features that can identify a natural person. [Source: GB/T 41819-2022, 3.3]

3.3 face recognition system facerecognitionsystem A system that confirms a specific natural person or the identity of a specific natural person through facial recognition.

Note. The face recognition system in this document does not include applications such as face-based pedestrian counting. [Source: GB/T 41772-2022, 3.2, modified]

5 Face application

GB/T 41772-2022 Information technology - Technical requirements for biometric face recognition systems

GB/T 41819-2022 Information security technology Face recognition data security requirements

GB/T 44261.1-2024 Information technology - Application of biometric recognition technology in video surveillance systems - Part