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

GA/T 2150-2024

**Intelligent permit device for entry and exit documents
(English Translation)**

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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.

Introduction

To solve the problems of large differences in the quality of smart endorsement equipment used by entry-exit management departments in various places, inconsistent safety standards, and high upgrade and maintenance costs, to formulate the public security industry standard "Intelligent Endorsement Equipment for Entry and Exit Documents" to ensure that the issuance of entry and exit documents is standardized and safe.

Totally reliable.

This document provides unified technical specifications for the design, production, inspection and acceptance process of entry and exit document endorsement and issuance equipment, and provides guidance for subsequent equipment.

It facilitates the management, maintenance and upgrade of the network, and better prevents security risks such as network intrusion and information leakage.

The intelligent endorsement device for entry and exit documents can provide cardholders of Hong Kong and Macau Pass and Taiwan Pass with the necessary We provide services such as application, payment and on-site issuance of visas for the Bay Area.

Intelligent endorsement equipment for entry and exit documents

1 Scope

This document specifies the technical requirements, marking, packaging, transportation and storage requirements of the intelligent endorsement equipment for entry and exit documents, and describes the test method.

The law establishes the inspection rules.

This document is applicable to the application for entry and exit permits for mainland residents to Hong Kong and Macau and Taiwan (hereinafter referred to as "entry and exit documents") Design, production, inspection and acceptance of intelligent endorsement equipment for services.

2 Normative references

The contents of the following documents constitute 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 191 Pictorial markings for packaging, storage and transportation GB/T 2423.1-2008 Environmental testing for electric and electronic products Part 2: Test methods Test A. Low temperature GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2: Test methods Test B. High temperature GB/T 2423.3-2016 Environmental testing Part 2: Test method Test Cab. Steady state damp heat test GB/T 4208-2017 Enclosure protection degree (IP code) GB/T 4798.2 Classification of environmental conditions Classification of environmental parameter groups and their severity classification Part 2: Transport and handling GB/T 5080.7 Equipment reliability test - Failure rate and mean time between failures under the assumption of constant failure rate - Verification test plan GB/T 7261-2016 Basic test methods for relay protection and safety automatic devices GB/T 9969 General principles for instructions for use of industrial products GB/T 13384 General technical requirements for packaging of electromechanical products GB/T 14081-2010 General specification for keyboards for information processing GB 16796-2022 Safety requirements and test methods for security alarm equipment GB/T 17626.2-2018 Electromagnetic compatibility test and measurement technology Electrostatic discharge immunity test GB/T 17626.3-2016 Electromagnetic compatibility test and measurement technology Radio frequency electromagnetic field radiation immunity test GB 18030-2022 Information technology Chinese coded character set GB/T 29267-2012 General specification for thermal and thermal transfer barcode printers GB/T 35678-2017 Technical requirements for images used in public security face recognition applications GA/T

625-2010 Technical Specification for Live Fingerprint Image Collection GA/T 787-2021
Technical Specification for Fingerprint and Palmprint Image Data GA/T 1011-2012 General
technical requirements for fingerprint collectors for resident identity cards GA/T 1212-2014
Security face recognition application anti-prosthesis attack test method Provisions on the
Security Management of Public Security Information Network (Trial) Public Communication
No. 8 (2017)

3 Terms and definitions

The following terms and definitions apply to this document.