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

GA/T 2152-2024

**Security protection - Palm vein recognition applications -
Acquisition device
(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.

1 Scope

This document specifies the technical requirements, marking, packaging, transportation and storage requirements for palm vein collection equipment, and describes the test method.

The law establishes the inspection rules.

This document applies to the development, production and inspection of palm vein collection equipment for security reasons.

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 191-2008 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 2423.7-2018 Environmental testing Part 2: Test methods Test Ec. Impact caused by rough operation (mainly used for Equipment type sample) GB/T 2423.10-2019 Environmental testing Part 2: Test methods Test Fc. Vibration (sinusoidal) GB/T 2828.1-2012 Sampling procedures for inspection by attributes Part 1: Lot-by-lot sampling based on acceptance quality limit (AQL) plan GB/T 2829-2002 Periodic inspection sampling procedures and tables (applicable to the inspection of process stability) GB/T 5080.7-1986 Equipment reliability test - Failure rate and mean time between failures under the assumption of constant failure rate - Verification test Test plan GB/T 17626.2-2018 Electromagnetic compatibility test and measurement technology Electrostatic discharge immunity test GB/T 17626.3-2023 Electromagnetic compatibility test and measurement technology Radio frequency electromagnetic field radiation immunity test GB/T.20145-2006 Photobiological safety of lamps and lamp systems GB/T 35273-2020 Information security technology Personal information security specification GB/T 41786-2022 Terminology of public security biometric identification GA/T 1395-2017 Technical requirements for images used in security palm vein recognition applications ISO 12233:2023 Photography-Electronic still image imaging resolution and spatial frequency response

3 Terms and definitions

The terms and definitions defined in GB/T 41786-2022, GA/T 1395-2017 and the following apply to this document.

An electronic device that acquires and outputs palm vein image data.