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GA

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

GA/T 1738-2020

Access control system - ID code reader

出入口控制系统 编码识读设备

(English Translation)

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Foreword

This standard is in accordance with GB/T Drafting of the rules given in 1.1-2009.

1 Scope

This standard specifies the composition, classification, and identification, functions and performance, power supply, and electrical safety of code reading equipment in the entrance and exit control system.

Completeness, environmental adaptability, electromagnetic compatibility, test methods, inspection rules, document provision, as well as marking, packaging, transportation and storage.

This standard applies to the design, manufacture and inspection of code reading equipment for entrance and exit control systems.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T

2423.3-2016

Environmental test Part 2: Test method Test Cab. Constant damp heat test GB/T

2828.1 Sampling inspection procedure by attributes Part 1: Batch inspection sampling plan retrieved by acceptance quality limit (AQL) GB/T

2829 Sampling procedures and tables for periodic inspection by attributes (applicable to inspection of process stability) GB/T 4208-2017 Enclosure protection class (IP code) GB/T 9254-2008 Information Technology Equipment Radio Disturbance Limits and Measurement Methods GB/T 15211-2013 Environmental adaptability requirements and test methods for security alarm equipment GB/T

15408 Security system power supply technical requirements GB 16796-2009 Safety

requirements and test methods for security alarm equipment GB/T 20138-2006 The degree of protection of electrical equipment enclosures against external mechanical collisions (IK code) GB/T 30148-2013 EMC immunity requirements and test methods for safety protection alarm equipment GB/T

37078 Technical requirements for entrance and exit control system

3.1 Terms and definitions

GB/T

The following terms and definitions defined by 37078 apply to this document.

3.1.1

Reading equipment reader Electronic equipment that can read, identify and output credential information, also known as a reading device.

Note:

Types include code reading equipment, biometric reading equipment, article feature reading equipment, etc.

3.1.2

Code reading device ID code reader in the entrance and exit control system, the user-defined character recognition technology is used to read the coded voucher of the entry and exit target, and the identification can be read out.

The information is transmitted to a single electronic device of the entrance and exit controller, or a combination of multiple electronic devices.

3.1.3

Manually-entered

code

reader

Entrance and exit control system code reading equipment that can collect entry and exit targets and manually enter personal memory information credentials.

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