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

GA/T 2155.2-2024

**Specifications for security testing on video and image
information system for public security - Part 2: Product testing**

公安视频图像信息系统安全测试规范 第2部分：产品检测

(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 is required.

This document is part 2 of GA/T 2155 "Security Testing Specifications for Public Security Video Image Information Systems". GA/T 2155 has been published.

The following sections.

--Part 1: System verification;

--Part 2: Product testing.

Introduction

In order to ensure the security of the public security video image information system, the Science and Technology Information Bureau of the Ministry of Public Security commissioned the National Security Alarm System Standardization Technology Bureau to the Technical Committee (SAC/TC 100) organized the preparation of GA/T 1788-2021 "Technical Requirements for Security of Public Security Video Image Information Systems", which is divided into There are 4 parts, namely.

--Part 1: General requirements;

--Part 2: Front-end equipment;

--Part 3: Secure Interaction;

--Part 4: Security Management Platform.

GA/T 2155 "Public Security Video Image Information System Security Test Specification" is the conformity test specification of GA/T 1788-2021.

It consists of two parts.

--Part 1: System Inspection. The purpose is to standardize the inspection content and inspection methods of the public security video image information system security test and determination methods; This part corresponds to the main contents of GA/T 1788.1, as well as GA/T 1788.2, GA/T 1788.3, Contents related to system safety in GA/T 1788.4.

--Part 2: Product testing. The purpose is to standardize the front-end equipment security testing and security communication in the public security video image information system.

Product testing of interactive systems and security management platforms; this part corresponds to GA/T 1788.2, GA/T 1788.3, GA/T 1788.4 Product-related content.

Security testing specifications for public security video image information systems Part 2: Product Testing

1 Scope

This document specifies the front-end equipment security testing requirements, security interaction system testing requirements and security requirements in the public security video image information system.

Management platform testing requirements.

This document is applicable to the security detection of front-end equipment in the public security video image information system, as well as the security interaction system and security management platform.

product testing.

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 28181-2022 Technical requirements for information transmission, exchange and control of public security video surveillance network systems GB 35114-2017 Technical requirements for information security of public security video surveillance networks GA/T 1400.1~1400.4-2017 Public Security Video Image Information Application System GA/T 1788.1~1788.4-2021 Security Technical Requirements for Public Security Video Image Information Systems GM/T 0021 Technical Specification for Dynamic Password Application

3 Terms, definitions and abbreviations

The terms, definitions and abbreviations defined in GA/T 1788.1~1788.4-2021 apply to this document.

4.1 Front-end equipment security detection objects

4.1.1

Corresponding to GA/T 1788.2-2021, the security capability classification of the front-end equipment detection object shall comply with the provisions of Table 1.

Table 1 Security capability classification of front-end equipment detection objects

Wired front-end equipment Collection Access Universal Enhanced I Enhanced II Universal Enhanced I Enhanced II Classification of serial number transmission methods Classification of application scenarios Classification of security capabilities