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

GA/T 2155.1-2024

**Specifications for security testing on video and image
information system for public security - Part 1: System
inspection**

公安视频图像信息系统安全测试规范 第1部分：系统检验
(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.

This document is part 1 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 inspection;
- Part 2: Product testing.

Introduction

In order to ensure the security of the public security video image information system, the Ministry of Public Security's Science and Technology Information Bureau commissioned the National Security Alarm System Standardization Technology Bureau to the Technical Committee (SAC/TC100) organized the preparation of GA/T 1788-2021 "Technical Requirements for Security of Public Security Video Image Information Systems", which is divided into the four parts are.

- 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 and is to be it consists of two parts.

--- Part 1: System inspection. The purpose is to standardize the inspection content, inspection methods and Determination method; This part corresponds to the main content 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, and GA/T 1788.4 Product-related content.

Security testing specifications for public security video image information systems Part 1: System verification

1 Scope

This document specifies the inspection objects, inspection procedures and inspection contents of the public security video image information system security test, and describes the inspection methods.

and determination methods.

This document is applicable to the inspection of the security of public security video image information systems.

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 2828.1-2012 Sampling procedures for inspection by attributes Part 1: Sampling for batch inspection based on acceptance quality limit (AQL) plan GB/T 20986-2023 Information Security Technology - Guidelines for the Classification and Grading of Information Security Incidents GB/T 22239 Information security technology - Basic requirements for network security level protection 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

3.1 Terms and Definitions

GB/T 28181-2022, GB 35114-2017, GA/T 1788.1~1788.4-2021, GA/T 1400.1~1400.4-for the purposes of this document, the terms and definitions defined in 2017 apply.

3.2 Abbreviations

The following abbreviations apply to this document.

ID. Identity Document IP. Internet Protocol MAC. Media Access Control