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

GA/T 1781-2021

**Technical requirements of secure networking equipment for
social video surveillance resources of public security**

公共安全社会视频资源安全联网设备技术要求

(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 of Standardization Documents" Drafting.

1 Scope

This document specifies the composition, product classification and marking, general requirements, functional requirements, Safety requirements and performance requirements describe the test methods of social video resource security networking equipment.

This document is applicable to the design, manufacture, inspection and application of public security and social video resource security networking equipment. Video assets in other fields Source safety networked equipment can be implemented by reference.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 2423.1 Environmental testing of electrical and electronic products Part 2: Test method Test A. Low temperature GB/T 2423.2 Environmental testing of electric and electronic products Part 2: Test method Test B. High temperature GB/T 2423.3 Environmental Test Part 2: Test Method Test Cab. Constant Humidity Test GB/T 2423.5 Environmental Test Part 2: Test Method Test Ea and Guideline. Impact GB/T 2423.10 Environmental Test Part 2: Test Method Test Fc. Vibration (Sine) GB/T 4208-2017 Enclosure protection grade (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 16796-2009 Safety requirements and test methods for security alarm equipment GB/T 17626.2 Electromagnetic compatibility test and measurement technology Electrostatic discharge immunity test GB/T 17626.3 Electromagnetic compatibility test and measurement technology Radio frequency electromagnetic field radiation immunity test GB/T 17626.4 Electromagnetic compatibility test and measurement technology Electrical fast transient pulse group immunity test GB/T 17626.5 Electromagnetic compatibility test and measurement technology surge (impact) immunity test GB/T 17626.6 Electromagnetic compatibility test and measurement technology Radio frequency field induced conducted disturbance immunity GB/T 28181-2016 Technical Requirements for Information Transmission, Exchange and Control of Public Security Video Surveillance Networking System GB/T 30148 EMC immunity requirements and test methods for safety protection alarm equipment GB 35114-2017 Public Security Video Surveillance Network Information Security Technical Requirements GA/T 1399.1 Public Security Video Image Analysis System Part 1: General Technical Requirements GA/T 1400.4 Public Security Video Image Information Application System Part 4: Interface Protocol Requirements GM/T 0034-2014 Certificate authentication system password and related security technical specifications based on SM2 cryptographic algorithm

3.1 Terms and definitions

The following terms and definitions defined in GB/T 28181 and GB 35114 apply to this document.