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PEOPLE'S REPUBLIC OF CHINA**

GB/T 46364-2025

**Technical requirements for boundary security interaction
system for video surveillance for public security**

公共安全视频监控边界安全交互技术要求

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Public Security of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Security and Alarm Systems (SAC/TC100). This document was drafted by: the National Information Center, the Third Research Institute of the Ministry of Public Security, Hangzhou Lingxin Digital Technology Co., Ltd., and Hangzhou Dipu Technology. Sangfor Technologies Inc., Zhejiang Uniview Technologies Co., Ltd., Sangfor Technologies Inc., the First Research Institute of the Ministry of Public Security, and Henan Provincial Government Affairs Center Data centers, Guangdong Provincial Government Service and Data Management Bureau, Zhejiang Provincial Big Data Development Administration, Zhejiang Provincial Public Security Department, Information Center of the Ministry of Water Resources, Yunnan Provincial Cloud Center, Anhui Provincial Big Data Center, VisionLink Information Technology Co., Ltd., Beijing Tianfang Security Technology Co., Ltd. Chongqing Institute of Quality and Standardization, Guangzhou University, Beijing NetGuard Nebula Information Technology Co., Ltd., and Jilin Xiangyun Information Technology Co., Ltd. of Jilin Province Limited Liability Company, Huawei Technologies Co., Ltd., Beijing Xinbo Electronic Technology Co., Ltd., Shuobo Information Technology (Shanghai) Co., Ltd., Zhengzhou Xinda Jiean Information Technology Co., Ltd., H3C Technologies Co., Ltd., China Merchants Testing & Certification (Chongqing) Co., Ltd., Zhejiang Dahua Technology Co., Ltd. Limited Company, Venustech Information Technology Group Co., Ltd., China Unicom (Guangdong) Industrial Internet Co., Ltd., Fuzhou Institute of Data Science and Technology Research Institute. The main drafters of this document are. Cheng Zidong, Luo Haining, Ren Fei, Fan Zhijie, Yang Lehao, Zhang Zhenyu, Qiu Junjie, Wu Canyi, Zhao Binqi, and Yin Ping. Song Xiaoxiao, Luo Qiwei, Jiao Di, Wang Pengbiao, Tian Zhipan, Wang Hu, Xia Haiyuan, Zhang Chao, Yuan Hongliang, Zhu Dian, Chen Kai, Duan Weiheng, Zhang Minmin, Yin Lihua Wang Bin, Xia Ming, Meng Fanhui, Liang Minxue, Li Zhiwei, Liu Xiangming, Wan Xiaolan, Wu Hongchen, Zhang Junchang, Li Xuan, Chi Minghui, Ye Weigen, Lin Qian Jin Mengran, Zhu Lei, Zhou Hao, Yang Wei, Zhou Zhizeng. Public safety video surveillance boundary security interaction technology requirements

1 Scope

GB/T 46364-2025 is the Chinese national standard covering the guarded boundary between a surveillance network and everything outside it - the one-way and controlled exchanges permitted, the authentication and the content inspection at the crossing, the

audit of what passed, and the isolation that must hold when the outside network is compromised. First edition, under the Ministry of Public Security. In force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document specifies the cross-level and cross-network connections of public security video image sharing and exchange platforms and departmental/industry public security video surveillance platforms. The architecture, security level classification, and security capability requirements of interconnected boundary security interaction systems. This document applies to boundary security interactions of public safety video image sharing and exchange platforms and departmental/industry public safety video surveillance platforms. System planning and design, deployment and implementation, testing and acceptance, and operation and maintenance.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2260 Administrative Division Codes of the People's Republic of China

GB/T 20279-2024 Network Security Technology. Technical Specifications for Network and Terminal Isolation Products

GB/T 22239-2019 Information Security Technology - Basic Requirements for Network Security Level Protection

GB/T 25724-2017 Technical Requirements for Digital Audio and Video Encoding and Decoding in Public Security Video Surveillance

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 Networked Public Security Video Surveillance

GB/T 46356-2025 Technical Requirements for Public Security Video Image Sharing and Exchange Platform

GB/T 46361-2025 General Requirements for the Application of Networked Sharing of Public Security Video Image Information

GB/T 46363-2025 Technical Requirements for Integrated Application Service Interface of Public Security Video Image Information

3 Terms and definitions, abbreviations

3.1 Terms and Definitions The definitions and the following in GB/T 46361-2025, GB/T 25724-2017, GB/T 22239-2019, and

GB/T 20279-2024 The terms and definitions listed apply to this document.

3.1.1 When the public security video image sharing and exchange platform is interconnected with the public security video surveillance platform of the same level department or industry, it establishes information exchange security. The entire mechanism of software and hardware.

3.1.2 Software and hardware for establishing a secure information exchange mechanism when a public safety video image sharing and exchange platform is vertically cascaded.