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

GA/T 2133.2-2024

**Mobile police terminal for laptop microcomputer - Part 2:
Technical specifications for security monitoring and controlling
plugin**

便携式微型计算机移动警务终端 第2部分：安全监控组件技术规范
(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 2 of GA/T 2133 Portable Microcomputer Mobile Police Terminal. GA/T 2133 has been published as Lower part.

--- Part 1: Technical requirements;

--- Part 2: Technical specifications for security monitoring components.

Introduction

To meet the needs of national public security organs to use portable microcomputer mobile police terminals to safely and reliably access the mobile police service platform Business needs, support front-line police officers to carry out mobile law enforcement, on-site business processing, remote the Ministry of Public Security's Science and Technology Information Bureau coordinates and guides the formulation of standards for portable microcomputer mobile police terminals.

The design and selection of portable microcomputer mobile police terminals and security monitoring components are standardized.

The test contents of computer mobile police terminals and security monitoring components are standardized, providing a reference for the use of portable microcomputer mobile police terminals and security monitoring components by public security organs across the country.

It provides a basis for the safe and reliable access of service terminals to the mobile police service platform, thereby improving the emergency command, rapid response and efficient service of public security organs.

ability.

Considering that the standard includes the technical requirements and security technical requirements of portable microcomputer mobile police terminals, portable microcomputer the operating environment and logical structure, basic requirements, functional requirements, performance requirements and interface requirements of the mobile police terminal security monitoring component, portable the content of this article is too long to cover the requirements for testing the security monitoring components of portable microcomputer mobile police terminals and portable microcomputer mobile police terminals.

In order to improve the efficiency of using and understanding the standard, GA/T 2133 is planned to be divided into three parts.

constitute.

--- Part 1: Technical requirements. The purpose is to provide general specifications for portable microcomputer-type mobile police terminals used in police activities.

The technical requirements and safety technical requirements are clarified to provide manufacturers of portable microcomputer-type mobile police terminals with it can provide a reference for design and a basis for public security users to purchase portable microcomputer-type mobile police terminals.

--- Part 2: Technical specification for security monitoring components. The purpose is to install security monitoring components on portable microcomputer mobile police terminals.

The operating environment, basic requirements, functions, performance and interface requirements of the control components are clarified, and the requirements of GA/T 2133.1 are implemented.

The security functions that should be realized by the security monitoring component are as follows.

Provide reference for design and development.

--- Part 3: Detection method. The purpose is to specify portable microcomputer mobile police terminal and portable microcomputer mobile Police terminal security monitoring component detection method to ensure the portable microcomputer mobile police terminal and portable microcomputer the security monitoring components of mobile police terminals can achieve a certain level of uniformity and standardization.

This document is based on GA/T 2133.1 and combines the use requirements of portable microcomputer mobile police terminal security monitoring components to the operating environment and logical structure, basic requirements, functional requirements, performance requirements, interface requirements of the microcomputer mobile police terminal security monitoring component Requirements and other contents are standardized to solve the design and development of portable microcomputer mobile police terminal security monitoring components during construction problem.

Portable microcomputer mobile police terminal Part 2: Technical specifications for security monitoring components

1 Scope

This document specifies the operating environment and logical structure, basic requirements, functions and functions of the portable microcomputer mobile police terminal security monitoring component.

Energy requirements, performance requirements and interface requirements.

This document applies to the design and development of portable microcomputer mobile police terminal security monitoring components and monitoring interfaces.

2 Normative references

The contents of the following documents constitute 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.

GA/T 1561-2019 General technical requirements for mobile police systems
GA/T 1768-2021 Technical requirements for mobile police identity authentication
GA/T 2133.1-2024 Portable microcomputer mobile police terminal Part 1: Technical requirements

3.1 Terms and Definitions

The terms and definitions defined in GA/T 1561-2019, GA/T 2133.1-2024 and the following apply to this document.

3.1.1

portable microcomputer A microcomputer with the characteristics of portability, built-in input and output devices (such as display, keyboard, etc.), and equipped with a battery module.

[Source: GB/T 9813.2-2016, 3.1] 3.1.2 Provides a support environment for running services for mobile police applications.

[Source: GA/T 1561-2019, 3.1.2] 3.1.3 Mobile police terminal Wireless terminal equipment that processes police information in mobile police systems.

[Source: GA/T 1561-2019, 3.1.3] 3.1.4 it runs on mobile police terminals and has functions such as parameter settings, terminal startup management, account login management, policy management, terminal management and self-security.

It is a software with functions such as installation, upgrade and maintenance, and is used for security monitoring of the use of mobile police terminals.

[Source: GA/T 1466.2-2018, 3.1.1, modified] Note. The security monitoring component in this document refers to the security monitoring component running in a portable microcomputer.