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

GA/T 2092.3-2023

**Mobile acquisition and entry terminal based on cross-network
application for crime scene investigation - Part 3: Requirements
for equipment**

基于跨网应用的现场勘验移动采集录入终端 第3部分：设备要求
(English Translation)

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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.

This document is part 3 of GA/T 2092 "Mobile collection and entry terminal for on-site inspection based on cross-network application". GA/T 2092 has been the following sections have been published.

- Part 1: Basic functions;
- Part 2: Basic data items;
- Part 3: Equipment requirements;
- Part 4: Data upload interface.

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Introduction

In the context of the current intelligent, mobile and efficient police office, using mobile equipment, mobile APP and powerful backend informatization it is imperative that the platform supports rapid on-site survey. In order to solve the problem of insufficient support for new information methods in traditional exploration and incompatibility with dynamic actual combat needs, in response to the problems, there is an urgent need to sort out the on-site investigation workflow and information flow, and formulate relevant standards, which will help standardize the mobile on-site investigation business work.

work, and provide normative reference for the construction of related informatization projects.

After extensive research, in-depth demonstration, and continuous improvement, technical standards and specifications for mobile collection and entry of on-site inspections have been formed. According to the criminal investigation information Information resource planning requirements, focusing on the information application needs of criminal technology on-site investigation, the "On-site inspection migration based on cross-network application" was formulated.

"Mobile Collection and Input Terminal" standard as the basis for the construction of national mobile investigation systems and equipment projects; at the same time, in accordance with the inherent characteristics of criminal technical work Business logic to build an information group for mobile collection, transmission synchronization, classification management, safe storage, integrated application, and full sharing of on-site survey information the organizational structure provides practical applications for extensively obtaining case scene information, carrying out technical research and judgment with the support of information technology, and obtaining investigation clues.

Assure.

As a new round of scientific and technological revolution and industrial transformation continue to advance, the forms of crime are undergoing profound changes, resulting in on-site investigation work facing a transformation.

Type upgrade. In the context of the new era, on-site investigation work is required to develop in an intelligent and practical direction. Through the use of mobile equipment or mobile the APP provides investigators with functions such as information collection, query, comparison and online business processing, and enhances the police's on-site handling capabilities. GA/T 2092 "Mobile Collection and Input Terminal for On-site Inspection Based on Cross-Network Application" is planned to consist of four parts.

---Part 1: Basic functions. The purpose is to clarify the basic requirements for business applications of mobile collection and entry terminals for various types of on-site inspections.

basic functions.

---Part 2: Basic data items. The purpose is to clarify the data storage requirements of various types of on-site inspection mobile collection and entry terminals.

Data specifications.

---Part 3: Equipment requirements. The purpose is to clarify the characteristics that the operating environment of various types of on-site inspection mobile collection and entry terminals needs to meet.

Can request.

---Part 4: Data upload interface. The purpose is to clarify the data reporting requirements for various types of on-site inspection mobile collection and entry terminals.

Interaction process and interface specifications.

Based on cross-network applications on-site inspection mobile collection and entry terminal
Part 3: Equipment Requirements

1 Scope

This document specifies the technical requirements, test methods, and inspection rules for mobile collection and entry terminals for on-site inspections based on cross-network applications.

This document applies to equipment for mobile data collection, entry, storage, processing, exchange and sharing of on-site inspection information.

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB/T 2423.1-2008 Environmental testing of electrical and electronic products Part 2: Test methods Test A. Low temperature GB/T 2423.2-2008 Environmental testing of electrical and electronic products Part 2: Test methods Test B. High temperature GB/T 2423.3-2016 Environmental testing of electrical and electronic products Part 2: Test methods Test Cab. Constant humidity and heat test GB/T 2423.5-2019 Environmental testing of electrical and electronic products Part 2: Test methods Test Ea and guidelines. Impact GB/T 2423.7-2018 Environmental testing Part 2: Test methods Test Ec. Impact caused by rough operation (mainly used for Equipment type sample) GB/T 2423.10-2019 Environmental testing of electrical and electronic products Part 2: Test methods Test Fc. Vibration (sinusoidal) GB/T 2423.17-2008 Environmental testing of electrical and electronic products Part 2: Test methods Test Ka. Salt spray GB/T 2423.22-2012 Environmental testing Part 2: Test methods Test N. Temperature change GB/T 2828.1-2012 Enumeration sampling inspection procedures Part 1: Batch-by-batch inspection sampling retrieved by acceptance quality limit (AQL) plan GB/T 13384-2008 General technical conditions for mechanical and electrical product packaging GB 16796-2009 Safety requirements and test methods for security alarm equipment

3 Terms and definitions

There are no terms or definitions to be defined in this document.

4.1 Usage environment

The on-site inspection mobile collection and entry terminal establishes a VPDN link and accesses the public security mobile information network through the public mobile communication network.

Under the supervision of the network service sub-platform, access specific public security information network resources. Verify data consistency through MD5 algorithm, using non-pair Encryption and decryption are performed in a symmetrical manner, as shown in Figure 1.