

ICS 93.080.79
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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 515.2-2019

**Specifications for the design of public security traffic command
system -- Part 2: Public security traffic command system for
provinces and autonomous regions
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 2020

Issued by: Ministry of Public Security

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Foreword

GA/T 515 "Code for Design of Public Security Traffic Command System" is divided into the following parts.

- Part 1: General Provisions;
- Part 2: Provincial (autonomous region) public security traffic command system;
- Part 3: Urban Public Security Traffic Command System;
- Part 4: Drawing;

This part is part 2 of GA/T 515.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces GA/T 515.2-2011 "Code for Design of Public Security Traffic Command System Part 2: Provincial (Autonomous Region) Public Security Traffic Guide Swing System". Compared with GA/T 515.2-2011, except for editorial changes, the main technical changes are as follows.

- Modify the "Scope" (see Chapter 1, Chapter 1 of the 2011 edition);
- Modify the "normative references" (see Chapter 2, Chapter 2 of the 2011 edition);
- Revised "Terms and Definitions" (see Chapter 3, Chapter 3 of the 2011 edition);
- Added the term "integrated application platform" (see 3.1);
- Added the term "application support system" (see 3.2);
- Added the term "operational support system" (see 3.3);
- Added the term "basic supporting facilities" (see 3.4);

- Revised "Compile Design Task Book" (see 4.2, version 4.2 in 2011);
- Revised the survey requirements for "Basic Situations of Provinces (Autonomous Regions)" (see 4.3.1, 4.3.1 of the 2011 edition);
- Revised the "road conditions" investigation requirements (see 4.3.2.1, the 2011 version of 4.3.2.1);
- Increased the "road traffic safety situation" investigation requirements (see 4.3.2.2);
- Increased the "road traffic operation status" investigation requirements (see 4.3.2.3);
- Amended the investigation requirements of "Public Security Traffic Management System Situation" (see 4.3.2.4, the 2011 edition of 4.3.2.2);
- Added the investigation requirements of "Public Security Traffic Management Mechanism Situation" (see 4.3.2.5);
- Modify the investigation requirements of "Provincial (Autonomous Region) Highway Traffic Management Measures" (see 4.3.3, 2011 version 4.3.3);
- Revised the investigation requirements of "Provincial (Autonomous Region) Public Security Traffic Management Technology Construction" (see 4.3.4.1, 4.3.4.1 of the 2011 edition);
- Added the investigation requirements of "Science and Technology Construction of Public Security Traffic Management in Districts (Regions, States, Leagues)" (see 4.3.4.2);
- Added the investigation requirements of "Science and Technology Construction of Other Public Security Departments" (see 4.3.4.3);
- Added the investigation requirements of "Science and Technology Construction of Related Units" (see 4.3.4.4);
- Modify the requirements of "Site Investigation of Construction Site" (see 4.4, 4.4 in 2011 edition);
- Removed the requirements of "Survey Command Center Situation", "Front-end Site Investigation" and "Site Investigation Report" (see 4.4.1 of the 2011 edition) 4.4.2, 4.4.3);
- Added the requirement of "investigation report" (see 4.5);
- Revised the content of "Preliminary Design Basis" (see 4.6.1, version 4.5.1 of 2011 edition);
- Modify the requirements of "Preliminary Design Technical Scheme" (see 4.6.2.1, 4.5.2.1 of 2011 edition);
- Modify the requirements of "Preliminary Design Drawing Composition" (see 4.6.2.2.1, 2011 version 4.5.2.2.1);

- Revised the content of "Preliminary Design Estimates" (see 4.6.2.4, 4.5.2.4 of the 2011 edition);
- Modify the requirements of "Preliminary Design Review" (see 4.6.3, version 4.5.3 of the 2011 edition);
- Modify the requirements of "Design basis for construction drawings" (see 4.7.1, 4.6.1 of the 2011 edition);
- Modify the requirements of "Construction Design Technical Scheme" (see 4.7.2.1, 4.6.2.1 of 2011 edition);
- Modify the requirements of "Construction drawing design drawings" (see 4.7.2.2, 4.6.2.2 of 2011 edition);
- Revised the content of "Design Requirements for Equipment and Materials" (see 4.7.2.3, 4.6.2.3 of the 2011 edition);
- Added the content of "Construction Drawing Budget" (see 4.7.2.4);
- Modified Appendix A (see Appendix A, Appendix A of the 2011 edition).

This part is proposed and managed by the National Road Traffic Management Standardization Technical Committee (SAC/TC576).

This section was drafted. Traffic Management Science Institute of the Ministry of Public Security, Traffic Police Corps of Guangdong Provincial Public Security Department, Traffic Police of Shanxi Provincial Public Security Department General Corps, Wuxi Huatong Intelligent Transportation Technology Development Co., Ltd.

1 Scope

This part of GA/T 515 stipulates the design requirements and preliminary design technical plan requirements of the provincial (autonomous region) public security traffic command system.

This section applies to the design of provincial (autonomous region) public security traffic command systems.

2 Normative references

The following documents are essential for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB/T 2887 General specification for computer field GB/T 22239 Information Security Technology Network Security Level Protection Basic Requirements GB/T 28181 Technical

requirements for information transmission, exchange and control of public security video surveillance networking system GB 50034 Architectural Lighting Design Standard GB 50174 Data Center Design Specification GB 50217 Power Engineering Cable Design Code GB 50311 Engineering Design Code of Integrated Wiring System GB 50343 Lightning Protection Technical Specification for Building Electronic Information System GB 50370 Code for design of gas fire extinguishing system GB 50395 video security monitoring system engineering design specification GB 50396 Engineering Design Code for Access Control System GB 50736 Design Code for Heating, Ventilation and Air Conditioning of Civil Buildings GB 50898 Technical Specification for Water Mist Fire Extinguishing System GA/T 515.1 Design Code for Public Security Traffic Command System Part 1: General Provisions GA/T 515.4 Public Security Traffic Command System Design Code Part 4: Drawing GA/T 1049 (all parts) communication protocol for integrated command platform of public security traffic GA/T 1389 Information Security Technology Network Security Level Protection Rating Guidelines YD/T 5024 SDH local network optical cable transmission engineering design specification YD5102 Communication Line Engineering Design Code YD5137 Local Communication Line Engineering Design Code

3 Terms and definitions

The terms and definitions defined in GA/T 515.1 and the following apply to this document.

Integrated application platform an application software system integrating road traffic monitoring, decision-making, control and service.