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

GA/T 1049.8-2014

**Communication protocol for integrated road traffic command
platform. Part 8: Traffic facilities management system**

公安交通集成指挥平台通信协议 第8部分：交通设施管理系统

(English Translation)

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Foreword

GA/T 1049 "Public Security Traffic integrated command platform communication protocol" is divided into the following sections.

- Part 1. General;
- Part 2. Traffic Signal Control System;
- Part 3. traffic video surveillance systems;
- Part 4. Traffic flow information collection system;
- Part 5. traffic violation monitoring and recording system;
- Part 6. traffic information systems;
- Part 7. police vehicles and police single positioning system;
- Part 8. transportation facilities management system;
- Part 9. Traffic event collection system;
- Part 10. dispatched track down the vehicle system;
- Part 11. Part three provinces command platform.

This section GA/T 1049 Part 8.

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

This section is proposed and managed by the Ministry of Public Security Traffic Management Standardization Technical Committee.

This section is responsible for drafting unit. Ministry of Public Security Traffic Management Research Institute.

Participated in the drafting of this section. Wuxi-Intelligent Transportation Technology Development Co., Ltd., Beijing E-Hualu Information Technology Co., Ltd.

1 Scope

GA/T 1049 provisions of this part of the communication protocol integrated command platform public security traffic management systems and traffic facilities between the information layers.

This section applies to the design and development of integrated command platform public security traffic, transportation facilities management system.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GA/T 16.33-2012 Traffic Management Information Code Part 33. traffic violations Location Encoding Rules
GA/T 380 National Public Security Organs coding rules for GA/T
1043-2013 road traffic monitoring equipment operation and maintenance specifications
GA/T 1049.1-2013 police traffic integrated command platform communication protocol - Part 1. General
GA/T 1049.2-2013 police traffic integrated command platform communication protocol - Part 2. Traffic Signal Control System

3 Terms and Definitions

GA/T 1043-2013 and defined the following terms and definitions apply to this document.

Road safety facilities roadtrafficsafetyfacility for the protection of road traffic safety facilities provided, including road traffic signs, traffic marking, safety and service facilities.

Road traffic monitoring equipment roadtrafficmonitoringandcontrollingequipment or installed on a road vehicle, used for traffic control, traffic information collection and distribution equipment.

[GA/T 1043-2013, Definition 3.1] 3.3 Transport facilities roadtrafficfacility to protect the road traffic orderly, safe and smooth and set up facilities, including road traffic safety and road traffic monitoring equipment.

Transportation management system roadtrafficfacilitymanagementsystem Transport facilities for registration, the use of condition monitoring, maintenance and other routine maintenance management information system.

4.1 General Requirements

General requirements see GA/T 1049.1-2013 of 5.1, 5.2 and 5.3. The format and content of data packets should be verified, check