

ICS 13.310
CCS A 91

GA

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

GA/T 761-2008

Replacing GA/T 761-2008

**Technical specifications for security management system in
parking lots
(English Translation)**

Issued on: April 17, 2024

Implemented on: July 1, 2024

Issued by: Ministry of Public Security

Table of Contents

Preface	
1 Scope	
2 Normative references	
3 Terms, definitions, abbreviations and symbols	
3.1 Terms and Definitions	
3.2 Abbreviations	
3.3 Symbol	
4 System Overview	
4.1 System composition	
4.2 System Management Part	
4.3 Access Control Section	
4.4 Parking Guidance Part	
4.5 Safety in the warehouse (yard) area	
5 Security Level	
5.1 General requirements	
5.2 Security Level Classification	
6 System functions and performance requirements	
6.1 System Management Section	
6.2 Access Control Section	
6.3 Parking Guidance Section	
6.4 Safety in the warehouse (yard) area	
6.5 System interface requirements	
7 Enclosure protection level and reliability	
7.1 Enclosure protection degree	
7.2 Reliability	
8 Safety, electromagnetic compatibility, environmental adaptability and power supply requirements	
8.1 Security Requirements	
8.2 Electromagnetic compatibility requirements	
8.3 Environmental adaptability requirements	
8.4 Power supply requirements	
9 Sign	

10 System Inspection and Acceptance

10.1 System Inspection

10.2 System Acceptance

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 replaces GA/T 761-2008 "Technical Requirements for Parking Garage (Parking Lot) Safety Management System". Compared with GA/T 761-2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The scope has been changed (see Chapter 1, Chapter 1 of the 2008 edition);
- b) The introductory words of terms and definitions, parking garage (lot) safety management system (see 3.1 and 3.1.1, Chapter 3 and 3.2), deleted the closed parking garage (lot), vehicle identification, vehicle information identification device, sound and light prompt device, vehicle guidance device, Central management unit, centralized charging, exit charging, opening priority, anti-smashing car (see 3.1, 3.4, 3.5, 3.8~ of the 2008 edition 3.14), added vehicle credentials, reading devices, monitoring stations, abbreviations, and symbols (see 3.1.3, 3.1.4, 3.1.7, 3.2, and 3.3);
- c) The system composition has been changed (see Chapter 4, Chapter 4 of the 2008 edition), and the parking guidance part and the safety part in the garage (yard) area have been added.
(see 4.4, 4.5);
- d) Increased security level (see Chapter 5);
- e) Deleted the system design principles (see Chapter 5 of the 2008 edition);
- f) The system functions and performance requirements have been changed (see Chapter 6, Chapter 6 of the 2008 edition);
- g) Changed the enclosure protection degree (see 7.1, 7.1 of the 2008 edition), deleted the installation requirements (see 7.2 of the 2008 edition), added Reliability (see 7.2);
- h) Changed the safety requirements, electromagnetic compatibility requirements, and power supply requirements (see 8.1, 8.2, 8.4, 8.1, 8.2, 8.4 of the 2008 edition), deleted in addition to the lightning protection and grounding requirements (see 8.5 of the 2008 edition);
- i) Added logo (see Chapter 9);

j) The system inspection and acceptance has been changed (see Chapter 10, Chapter 9 of the 2008 edition);

k) Deleted the document provision (see Chapter 10 of the 2008 edition).

1 Scope

This document specifies the system composition, safety level, functions and performance, shell protection level and reliability of the parking garage (lot) safety management system.

Requirements for performance, safety, electromagnetic compatibility, environmental adaptability, power supply, marking, and system inspection and acceptance.

This document applies to the design, inspection and acceptance of parking garage (lot) safety management systems.

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.

GB/T 4208-2017 Enclosure protection degree (IP code) GB/T 9254.1-2021 Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers Part 1: Emission requirements GB/T 15211 Environmental adaptability requirements and test methods for security alarm equipment GB/T 15408 Technical requirements for power supply of security systems GB 16796-2022 Safety requirements and test methods for security alarm equipment GB/T 30148 Electromagnetic compatibility immunity requirements and test methods for security alarm equipment GB/T 31070.3-2021 Building intercom system Part 3: Technical requirements for specific applications GB/T 37078-2018 Technical requirements for access control systems GB 50348-2018 Security Engineering Technical Standard GB 55029-2022 General specification for security engineering GA 36 Motor vehicle license plate of the People's Republic of China

3.1 Terms and Definitions

The terms and definitions defined in GB/T 37078-2018 and the following apply to this document.

3.1.1

Comprehensive management of the inspection, monitoring, guidance, and vehicle search of vehicles entering and leaving the parking garage (lot), as well as the safety of personnel

and vehicles in the garage (lot).

Electronic systems for management.

[Source. GB 55029-2022, term 12, modified] 3.1.2 Vehicle ID information Identity information of vehicles entering and leaving.

Note: Usually includes vehicle access permissions, vehicle type, owner information, etc.