

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

GA/T 1767-2021

**Technical specifications for warning systems of red light
cameras aimed at pedestrians**

行人闯红灯警示系统技术规范

(English Translation)

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9.1 Packaging

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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 of Standardization Documents" drafted:

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies the classification and model, technical requirements, test methods, inspection rules, installation, etc: of pedestrian red light warning systems:

This document applies to pedestrian red light warning systems:

2 Normative references

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

GB 13954-2009 Police cars, fire trucks, ambulances, engineering rescue vehicles sign lamps
GB 50169 Code for construction and acceptance of grounding devices for electrical installation
installations
GA/T 484-2018 LED Road Traffic Induction Variable Information Signs
GA/T 751-2008 Video Image Text Labeling Specification
GA/T 995-2020 Technical Specification for Video Forensic Equipment for Road Traffic Safety
Illegal Acts

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document:

4 Classification and Model

4.1

Classification

The pedestrian red light warning system (hereinafter referred to as the "system") is divided into:

---Class A: only has the warning function of pedestrians running a red light, which is detected by pedestrian crossing signal lights, pedestrian detection, pedestrian warning equipment and other hardware:

Unit and application software unit composition;

--- Class B: At the same time, it has the functions of pedestrian red light warning and pedestrian red light recording: It is detected by pedestrian crossing signal lights, pedestrian detection and it is composed of hardware units and application software units such as red light record and pedestrian warning equipment:

4.2

Model

The system model should comply with the regulations in Figure 1, and consist of system name, system type, warning mode, and extension number:

XRCHD-----

System Name ("Pedestrian Running Red Light" Hanyu Pinyin acronym) System type (A:A class, B:B class) Warning method (1: voice, 2: text, 3: picture, 4: combination) Extension number (enterprise custom)

Figure 1 System Model