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ICS 33.060
CCS M19

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4007-2022

Wireless short-range communication - Technical requirements and test methods for vehicle air interface

无线短距通信 车载空口技术要求和测试方法

(English Translation)

Issued on: April 8, 2022 **Implemented on: July 1, 2022**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4007-2022

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1 Foreword

YD/T 4007-2022 was issued by Ministry of Industry and Information Technology on 8 April 2022 and has been in force since 1 July 2022.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies a protocol for vehicle-mounted wireless short-range communication systems, including technical requirements and test methods for the physical layer of the communication system, data link layer, radio frequency requirements and information security. This standard applies to communication between vehicle domain controllers and other communication devices. The interconnection and communication process between smartphones and smart wearable devices (other devices) and vehicle-mounted devices can be used as a reference.

YD/T 4007-2022 falls under ICS 33.060, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 7009-2026 - Technical requirements for northbound interface of time synchronization equipment management and control systems based on SDN

YD/T 6917-2026 - Interface requirements of control layer in intent-based network for SDN/NFV intelligent network

YD/T 2742-2026 - Technical requirements and testing method for packet digital microwave communication equipments and

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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