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ICS 33.060.01
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4777-2024

Application scenarios and technical requirements of vehicle-road collaboration based on mobile Internet

基于移动互联网的车路协同应用场景及技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4777-2024

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1 Foreword

YD/T 4777-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

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 the application scenarios, technical architecture, data interaction content, data interaction process and technical requirements of vehicle-road collaboration based on mobile smart terminals. This standard applies to the design and development of vehicle-road cooperative applications carried by mobile cellular networks.

YD/T 4777-2024 falls under ICS 33.060.01, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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4 Related standards

Standards on related subjects:

YD/T 3710-2020 - Test methods of message layer of LTE-based vehicular communication

YD/T 4782-2024 - Technical requirements for remote control driving of logistics vehicles in remote control driving information interaction system based on 5G

YD/T 4779-2024 - Technical requirements for emergency takeover of urban operation vehicles in remote control driving information interaction system based on 5G

YD/T 4770-2024 - Technical requirements and test methods for vehicle-road cooperative roadside perception system

5 Classification and status

International classification (ICS): 33.060.01

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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