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ICS 33.060.01
CCS M30

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4779-2024

## Technical requirements for emergency takeover of urban operation vehicles in remote control driving information interaction system based on 5G

基于5G的远程遥控驾驶信息交互系统 城市运营车紧急接管技术要求

**(English Translation)**

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

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 4779-2024 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 definition, business architecture and business interaction process of emergency takeover of urban operating vehicles, a typical service based on 5G remote control driving, mainly including: the business definition and interaction process of emergency takeover of urban operating vehicles, and the functional requirements and performance requirements of different types of emergency takeover services for communication and computing resources. This standard applies to 5G wireless communication systems and business systems that support remote control driving.

YD/T 4779-2024 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.



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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:

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 4777-2024 - Application scenarios and technical requirements of vehicle-road collaboration based on mobile Internet

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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