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ICS 35.240.60
CCS M19

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4780-2024

Technical requirements for cloud control of autonomous taxis based on 5G remote control driving information interaction system

基于5G的远程遥控驾驶信息交互系统 自动驾驶出租车云端控制技术要求

(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-4780-2024

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1 Foreword

YD/T 4780-2024 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 and type of cloud control application of autonomous taxi based on 5G remote control driving information interaction system, information communication architecture, information interaction process, application layer data interaction requirements and system performance requirements. This standard applies to the design and development of cloud control systems for autonomous taxis based on 5G remote control driving with level 3 and above driving automation capabilities.

YD/T 4780-2024 falls under ICS 35.240.60, in the field of information technology.

This catalogue holds 725 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 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

YD/T 4789-2024 - Technical requirements for DS-Lite legal user authentication

5 Classification and status

International classification (ICS): 35.240.60

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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