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ICS 33.060.01
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3978-2021

High-level autonomous driving data interaction content based on vehicle-road collaboration

基于车路协同的高等级自动驾驶数据交互内容

(English Translation)

Issued on: December 2, 2021 **Implemented on: April 1, 2022**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3978-2021 was issued by Ministry of Industry and Information Technology on 2 December 2021 and has been in force since 1 April 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 the system composition, typical applications and data interaction content of high-level autonomous driving based on vehicle-road collaboration for Level 4 driving automation (L4) and Level 5 driving automation (L5). This standard applies to the design and development of the message layer in L4 and L5 high-level autonomous driving systems based on vehicle-road collaboration.

YD/T 3978-2021 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 3980-2021 - Technical requirements and test methods for cold-plate liquid-cooled server systems in data centers

YD/T 3979-2021 - Technical requirements and test methods for submerged liquid-cooled server systems in data centers

YD/T 3977-2021 - Enhanced V2X business application layer interaction data requirements

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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