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ICS 35.030
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4989-2024

Technical requirements and test methods for data collection for basic telecommunication network security monitoring in Internet of Vehicles

车联网基础电信网络安全监测数据采集技术要求及测试方法

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4989-2024

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1 Foreword

YD/T 4989-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

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 technical requirements for the collection of network security monitoring data of the Internet of Vehicles in the basic telecommunications network, including the requirements for collection coverage, protocol and asset identification, communication records, security monitoring and command coordination content, and corresponding test methods. This standard is applicable to the planning, design, evaluation, and testing of the network security monitoring data collection related capabilities of the basic telecommunications enterprises for the Internet of Vehicles.

YD/T 4989-2024 falls under ICS 35.030, 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:

GB/T 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

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

YD/T 4982-2024 - Data security protection requirements for industrial enterprises

YD/T 4981-2024 - Guidelines for Identifying Important Data in the Industrial Sector

YD/T 4994-2024 - Technical requirements and evaluation methods for personal information protection in artificial intelligence applications on mobile smart terminals

5 Classification and status

International classification (ICS): 35.030

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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