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ICS 33.040.40
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6138-2024

Industrial Internet Identifier Resolution - Active identification carrier - Technical Requirements for Security Chips

工业互联网标识解析 主动标识载体 安全芯片技术要求

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6138-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 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 architecture, information interaction model, basic capability requirements and application requirements of the security chip of the active identification carrier of the industrial Internet identity resolution. This standard applies to the design and development of the security chip of the active identification carrier in the industrial Internet identity resolution system.

YD/T 6138-2024 falls under ICS 33.040.40, 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 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 6133-2024 - Industrial Internet Identifier Resolution - Petroleum - Identification code

YD/T 6143-2024 - 5G Industrial Internet application scenarios and technical requirements for engineering machinery equipment manufacturing

YD/T 6144-2024 - 5G Industrial Internet application scenarios and technical requirements for the cement industry

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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