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ICS 33.03
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4657-2024

Technical requirements for cross-platform access authentication of mobile Internet smart home systems

移动互联网+智能家居系统 跨平台接入认证技术要求

(English Translation)

Issued on: March 29, 2024 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4657-2024

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1 Foreword

YD/T 4657-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 July 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 unified process and technical requirements for device discovery, network distribution and access authentication in smart home systems. This standard applies to the development of interconnection software for smart home application terminals, control terminals, apps, cloud platforms and other related products.

YD/T 4657-2024 falls under ICS 33.03, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 6645-2026 - Identification and resolution system for the Industrial Internet - Communication system equipment - Identification coding

YD/T 6643-2026 - Computing power network and application for industrial Internet - General technical requirements

YD/T 4667-2024 - Technical requirements for inter-network dialing test of number portability service

5 Classification and status

International classification (ICS): 33.03

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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