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ICS 33.030
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6089-2024

Mobile Internet Smart Home System - Cross-platform access and control test methods

移动互联网+智能家居系统 跨平台接入与控制测试方法

(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-6089-2024

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1 Foreword

YD/T 6089-2024 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 consistency test methods for access, authentication and other protocols of smart home application terminals, Bluetooth Mesh heterogeneous relays, APPs and cloud platforms using cross-platform access authentication technology, as well as the interoperability test methods of different application terminals and different smart home platforms. This standard is applicable to the interoperability verification of smart home application terminals, Bluetooth Mesh heterogeneous relays, APPs and cloud platforms using cross-platform access authentication technology.

YD/T 6089-2024 falls under ICS 33.030, 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 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 6088-2024 - Technical requirements for extended application programming interfaces based on Hypertext Markup Language Version 5 (HTML5)

YD/T 6095-2024 - Next-generation network architecture based on SDN/NFV - Overall technical requirements for fixed-mobile converged dedicated line services

YD/T 6093-2024 - Technical requirements for Layer 2 VPN networking based on SDN

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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