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ICS 33.030
CCS M21

YD

INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

YD/T 4640-2023

Technical requirements for embedded universal integrated circuit cards (eUICC) supporting remote SIM configuration for consumer electronic devices

面向消费电子设备的支持远程SIM配置的嵌入式通用集成电路卡（eUICC）技术要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4640-2023

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1 Foreword

YD/T 4640-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 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 card structure and general requirements for embedded UICCs that support remote SIM configuration for consumer electronics devices. It specifies the policy management requirements and security requirements related to embedded UICCs for consumer electronics devices. It defines the relationship between embedded UICCs and SM- Interface requirements between DP+ and MNO. This standard applies to the design, development and testing of embedded UICCs in the field of consumer electronics.

YD/T 4640-2023 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 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 4641-2023 - Technical requirements for remote SIM configuration platform for consumer electronic devices

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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