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ICS 35.240.60
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4433-2023

Interface technical requirements for smart water meter system platform based on NB-IoT

基于NB-IoT的智能水表系统平台接口技术要求

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4433-2023

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1 Foreword

YD/T 4433-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

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 platform interface technical requirements for smart water meters based on the Internet of Things, including platform system architecture, platform interface protocols, business processes, and interface definition requirements. This standard applies to NB-IoT smart water meter systems.

YD/T 4433-2023 falls under ICS 35.240.60, 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.

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

YD/T 4434-2023 - Technical requirements for terminal interface of smart water meter system based on NB-IoT

YD/T 4424-2023 - Intelligent image recognition algorithm and test evaluation based on public communication network Overall technical requirements

5 Classification and status

International classification (ICS): 35.240.60

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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