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ICS 35.240.60
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4479-2023

Overall technical requirements for smart water meter systems based on NB-IoT

基于NB-IoT的智能水表系统总体技术要求

(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-4479-2023

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1 Foreword

YD/T 4479-2023 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 system architecture, terminal requirements, network requirements, platform requirements and overall security requirements for smart water meters based on the Internet of Things (NB-IoT). This standard applies to NB-IoT smart water meter systems.

YD/T 4479-2023 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 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 4482-2023 - Technical requirements for mobile digital signatures based on SIM cards for financial applications

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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