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ICS 35.080
CCS L77

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4872-2024

## Technical requirements for the interface of the room temperature collector application platform for heating services based on NB-IoT

基于NB-IoT的供热业务 室温采集器应用平台接口技术要求

**(English Translation)**

**Issued on: July 5, 2024** **Implemented on: October 1, 2024**

**Issued by: Ministry of Industry and Information Technology**

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https://chinastandards.org/standards/yd-t-4872-2024

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## 1 Foreword

YD/T 4872-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 technical requirements for the application platform interface of the room temperature collector based on NB-IoT, including platform system architecture, platform interface protocol, business process, and interface definition requirements. This standard is applicable to the design and development of NB-IoT room temperature collector products, and is applicable to the decision-making reference for the construction of the room temperature collector application platform of government heating supervision departments and heating enterprises and institutions, and is also applicable to the technical review and evaluation of NB-IoT room temperature collectors by third-party organizations.

YD/T 4872-2024 falls under ICS 35.080, 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.



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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:

GB/T 25000.51-2016 - Systems and software engineering -- Systems and software Quality Requirements and Evaluation (SQuaRE) -- Part 51: Requirements for quality of Ready to Use Software Product (RUSP) and instructions for testing

GB/T 20918-2007 - Information technology - Software life cycle processes - Risk management

GB/T 11457-2006 - Information technology Software engineering terminology

YD/T 7029-2026 - Technical requirements and testing methods on generic knowledge graph tool

YD/T 6682-2026 - 5G MEC edge cloud platform capability requirements

YD/T 6116.5-2025 - Computing Power Interoperability Requirements - Part 5: Computing Power Identification

## 5 Classification and status

International classification (ICS): 35.080

Chinese Standard Classification (CCS): L 77

Prefix YD/T: recommended standard.



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