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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4643-2023

Bluetooth IoT acquisition technical requirements for indoor distribution systems

面向室内分布系统的蓝牙物联采集技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4643-2023 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 technical requirements for Bluetooth IoT collection applicable to indoor distribution systems, including the overall architecture, functional requirements for Bluetooth indoor antennas, Bluetooth gateways, indoor equipment management platforms, indoor IoT data platforms and indoor IoT business platforms. At the same time, the communication interface specifications between the various functional modules of the system are defined. This standard is applicable to indoor distribution systems with Bluetooth IoT collection functions.

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YD/T 4643-2023 is filed under Chinese Standard Classification L78, in the field of electronic components and information technology.

This catalogue holds 2,288 other YD/T standards without an ICS number.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 4839.3-2026 - Technical requirements for collaborative management and control of IP network and optical network - Part 3: Interface information model between coordination layer and single domain management control system

YD/T 4644-2023 - IoT cloud-edge collaboration technical requirements

YD/T 4636-2023 - CDN application scenarios based on network virtualization technology

5 Classification and status

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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