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ICS 33.040.40
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 5255-2023

Mobile Internet of Things eMTC Engineering Technical Specifications

移动物联网eMTC工程技术规范

(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 5255-2023 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 is applicable to the Mobile Internet of Things eMTC project. The main content includes project planning, general engineering design requirements, wireless network engineering design, core network engineering design, interface requirements and signaling methods, and services involved in the construction process of the Mobile Internet of Things eMTC project. Technical requirements such as model and bandwidth calculation, numbering and IP address.

YD/T 5255-2023 falls under ICS 33.040.40, 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 5257-2023 - Engineering technical specifications for digital active indoor distribution systems

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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