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ICS 33.040
CCS M16

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 6266-2024

# Communication network supports ubiquitous IoT applications - Overall technical requirements for smart city management systems

通信网支撑泛在物联应用 智慧城市管理系统总体技术要求

**(English Translation)**

**Issued on: December 10, 2024** **Implemented on: April 1, 2025**

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

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## 1 Foreword

YD/T 6266-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

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 overall technical requirements for the communication network to support the smart city management system, including requirements for system requirements and definitions, system overall processes, system functional architecture, system network architecture and interfaces, as well as requirements for perception terminals, network layers, business systems, and security. This standard applies to the smart city management system in the ubiquitous Internet of Things environment supported by the communication network.

YD/T 6266-2024 falls under ICS 33.040, 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:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6972-2026 - Test methods for content delivery network - Content center

YD/T 6737-2026 - Test method for convergence node of content delivery network

YD/T 4817-2024 - Content Distribution Network Test Methods Edge Nodes

## 5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 16

Prefix YD/T: recommended standard.



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