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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6186-2024

Universal requirements of ultra-high-definition video services on bearer networks

超高清视频业务对承载网的通用要求

(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 6186-2024 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 structure of the bearer network, the deployment of main video services in the bearer network and the organization of media streams, the quality assurance requirements for the development of main ultra-high-definition video services, the network service optimization requirements based on the bearer network information, and the network management technical requirements for ultra-high-definition video services when the public communication network is used as the bearer network for ultra-high-definition video services. This standard is applicable to the design and construction of bearer networks that support ultra-high-definition video services, and can also be used as a design and reference for dedicated networks.

YD/T 6186-2024 falls under ICS 33.040.40, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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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 6181-2024 - Technical requirements of AR/VR services on access networks

YD/T 6188-2024 - Ultra-high-definition video conferencing cloud platform and terminal technical requirements and test methods

YD/T 6187-2024 - Ultra-high-definition video conferencing service technical requirements for bearer networks

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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