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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6181-2024

Technical requirements of AR/VR services on access networks

AR/VR业务对接入网的技术要求

(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 6181-2024 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 effects of various factors on the quality of AR/VR services, the main transmission scheme of VR video through access networks and other network segments, the calculation method of typical VR service functions for access networks and other network requirements, and the relevant technical requirements for access networks for the smooth development of AR/VR services. This standard applies to the planning, design and construction of access networks when operating units carry out AR/VR services.

YD/T 6181-2024 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:

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

YD/T 6186-2024 - Universal requirements of ultra-high-definition video services on bearer networks

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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