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ICS 33.020
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4910-2024

Overall technical requirements for cloud-based virtual reality based on telecommunication networks

基于电信网的云化虚拟现实 总体技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4910-2024

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1 Foreword

YD/T 4910-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 overall technical requirements for cloud-based virtual reality based on telecommunications networks, including overall architecture requirements, overall functional division requirements, overall indicator requirements, key technical requirements, terminal-pipe-cloud requirements, operation and maintenance requirements, etc. This standard applies to fixed broadband cloud-based virtual reality services, but not to mobile (cellular) broadband cloud-based virtual reality services.

YD/T 4910-2024 falls under ICS 33.020, 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 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 1114-2026 - Halogen-free flame retardant optical fibre cable

YD/T 4912-2024 - End-to-end service quality requirements and monitoring methods for cloud-based virtual reality based on telecommunication networks

YD/T 4911-2024 - Technical requirements for cloud-based virtual reality networks based on telecommunication networks

5 Classification and status

International classification (ICS): 33.020

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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