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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4393.1-2023

Virtual Digital Human Indicator Requirements and Assessment Methods - Part 1: Reference Framework

虚拟数字人指标要求和评估方法 第1部分：参考框架

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4393.1-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

It is one of 3 parts of the YD/T 4393 series.

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.

2 Scope Preview

This standard specifies the reference framework of the virtual digital human system and describes the evaluation indicators in the dimensions of image, voice, action, interactive processing, multi-modal input and output, etc. This standard is applicable to guide third-party evaluation agencies in the evaluation and acceptance of virtual digital human system service functions.

YD/T 4393.1-2023 is filed under Chinese Standard Classification M61, in the field of

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telecommunications and broadcasting.

This catalogue holds 2,288 other YD/T standards without an ICS number.

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

Other parts of this standard:

YD/T 4393.2-2023 - Virtual digital human index requirements and evaluation methods - Part 2: 2D real-person image synthesis technology

YD/T 4393.3-2026 - Technical requirements and evaluation methods for digital human - Part 3: 3D digital human based on mobile terminal

Standards on related subjects:

GY/T 268.2-2013 - Digital audio broadcasting in FM band - Part 2: Multiplexing

GY/T 220.2-2006 - Mobile Multimedia Broadcasting - Part 2: Multiplexing

YD/T 6898-2026 - Application scenarios and technical requirements of media processing for 3D digital human image trust and protection

5 Classification and status

Chinese Standard Classification (CCS): M 61

Prefix YD/T: recommended standard.

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