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ICS 35.030
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4985-2024

Technical requirements and test methods for image tampering detection in telecommunication networks and the Internet

电信网和互联网图像篡改检测技术要求与测试方法

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4985-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 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 technical requirements and corresponding test methods for image tampering detection for telecommunication networks and the Internet. This standard applies to the development, testing, and application of telecommunication network and Internet image tampering detection technology, and is also applicable to guiding users of telecommunication network and Internet image tampering detection technology or third-party evaluation agencies to test and evaluate image tampering detection technology.

YD/T 4985-2024 falls under ICS 35.030, in the field of information technology.

This catalogue holds 725 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 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 4984-2024 - Robustness testing method for digital watermarking of unstructured data in telecommunication networks and the Internet

YD/T 4979-2024 - Technical requirements for industrial Internet time series data security gateway

YD/T 4975-2024 - Technical requirements for industrial Internet security isolation and information exchange systems

5 Classification and status

International classification (ICS): 35.030

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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