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ICS 33.040
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4946-2024

Technical requirements and testing methods for data watermarking in telecommunication networks and the Internet

电信网和互联网数据水印技术要求与测试方法

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4946-2024 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 technical architecture of data watermarks for telecommunications networks and the Internet, and proposes technical requirements and testing methods for core capabilities such as security functions and self-security. This standard applies to the embedding and traceability of data and digital watermarks for telecommunications networks and the Internet, the design, development, testing, evaluation and acceptance of watermark technology capabilities, including but not limited to data watermark providers, demanders, evaluation agencies and regulatory agencies.

YD/T 4946-2024 falls under ICS 33.040, 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 5080-2026 - Technical Specifications for Network Management System of Optical Cable Transmission Engineering

YD/T 4839.3-2026 - Technical requirements for collaborative management and control of IP network and optical network - Part 3: Interface information model between coordination layer and single domain management control system

YD/T 4937-2024 - Telecom Operator Data Application Effect Evaluation Index System

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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