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ICS 33.160.99
CCS P76

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6585-2025

Technical requirements for Virtualized platform of IPTV set top box

IPTV机顶盒虚拟化平台技术要求

(English Translation)

Issued on: December 17, 2025 **Implemented on: April 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6585-2025

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1 Foreword

YD/T 6585-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

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 for IPTV set-top box virtualization platforms, including hardware and software, encoding and decoding, system architecture, service processes, and interface capabilities. This standard applies to the design, development, production, and maintenance of IPTV set-top box virtualization products.

YD/T 6585-2025 falls under ICS 33.160.99, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB 30485-2013 - Standard for pollution control on co-processing of solid wastes in cement kiln

GB 50949-2013 - Construction code for sound reinforcement system

GB 50313-2013 - Code for design of fire communication and command system

YD/T 7164.1-2026 - Smart multifunctional pole (tower) Management platform - Part 1: Technical requirements for equipment access and management

YD/T 7093-2026 - Technical Specification of Scheduling and Management of Ubiquitous Computing Power

YD/T 6586-2025 - Technical requirements and test specifications for safety management of telecommunication tower stations

5 Classification and status

International classification (ICS): 33.160.99

Chinese Standard Classification (CCS): P 76

Prefix YD/T: recommended standard.

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