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ICS 33.060
CCS M42

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 3347.7-2023

## Test method for broadband customer intelligent gateway based on public telecommunications network - Part 7: Intelligent gateway integrating IPTV set-top box function

基于公用电信网的宽带客户智能网关测试方法 第7部分：融合 PTV 机顶盒功能的智能网关

**(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 3347.7-2023 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 10 parts of the YD/T 3347 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 testing methods for smart gateways that integrate IPTV set-top box functions, including hardware interface testing, smart gateway unit function testing, IPTV set-top box unit function testing, integration function testing, security function testing, performance testing, etc. This standard is applicable to the testing of smart gateways based on public telecommunications networks that integrate IPTV set-top box functions.

YD/T 3347.7-2023 falls under ICS 33.060, 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

Other parts of this standard:

YD/T 3347.1-2018 - Broadband customer intelligent gateway test method based on public telecommunication network Part 1: Home intelligent gateway

YD/T 3347.2-2020 - Broadband customer intelligent gateway test method based on public telecommunication network - Part 2: Interface between gateway and gateway management platform

YD/T 3347.4-2022 - Test method for broadband customer intelligent gateway based on public telecommunication network - Part 4: Intelligent home networking equipment

YD/T 3347.5-2022 - Test method for broadband customer intelligent gateway based on public telecommunication network - Part 5: Home intelligent gateway and interface of intelligent home networking equipment

YD/T 3347.6-2022 - Test method for broadband customer intelligent gateway based on public telecommunication network - Part 6: Mesh networking equipment

YD/T 3347.8-2024 - Testing method of broadband customer intelligent gateway based on public telecommunication network - Part 8: Security of smart gateway equipment for households

YD/T 3347.9-2024 - Testing method of broadband customer intelligent gateway based on public telecommunication network - Part 9: Security of smart gateway equipment for enterprises

YD/T 3347.10-2025 - Test methods for broadband customer intelligent gateway based on public telecommunication network - Part 10: WLAN Mesh interoperability

YD/T 3347.11-2026 - Test Methodology for Broadband Customer Smart Gateways Based on Public Telecommunications Networks - Part 11: Security of Smart Gateways with Integrated IPTV Set-Top Box Functionality) (PDF English

Standards on related subjects:

YD/T 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless



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communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 841-1996 - Underground communication pipe with plastic pipe

## 5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 42

Prefix YD/T: recommended standard.



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