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ICS 33.060
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3347.10-2025

Test methods for broadband customer intelligent gateway based on public telecommunication network - Part 10: WLAN Mesh interoperability

基于公用电信网的宽带客户智能网关测试方法 第10部分：无线Mesh组网互通

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3347.10-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 2025.

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 test method for the interoperability of Mesh master-slave devices in broadband customer networks with smart gateways as the master node. This standard applies to the interoperability testing of Mesh devices using WLAN or Ethernet networking with smart gateways as the master node in broadband customer networks based on public telecommunications networks. Other dedicated networks can also refer to this standard.

YD/T 3347.10-2025 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 3347.7-2023 - Test method for broadband customer intelligent gateway based on public telecommunications network - Part 7: Intelligent gateway integrating IPTV set-top box function

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 3347.11-2026 - 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 3594-2019 - General technical requirements of Security for Vehicular Communication

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based on LTE

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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