

ICS 33.040.50
CCS M42

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 3421.15-2026

**Broadband customer intelligent gateway based on public
telecommunication network - Part 15: Security technical requirements
for intelligent gateway integrating IPTV set-top box functions**

基于公用电信网的宽带客户智能网关 第15部分：融合IPTV机顶盒功能的智能网关
安全技术要求

(English Translation)

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Foreword

YD/T 3421.15-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 15 April 2026, with effect from 1 August 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040.50; CCS M42.

1 Scope

YD/T 3421.15-2026 specifies the security technical requirements for an intelligent gateway that integrates the functions of an IPTV set-top box. The requirements cover hardware security, system security, communication security, application security and data security. It applies to the design, development, production and operation of intelligent gateways for broadband customers on public telecommunication networks that combine the gateway with IPTV set-top box functions.

The document is useful to gateway manufacturers and designers, software developers, and telecom operators that deploy and run such devices. It is a voluntary industry standard, as shown by the /T in its code, and it forms Part 15 of the series on broadband customer intelligent gateways. It was approved by the Ministry of Industry and Information Technology, issued on 15 April 2026 and takes effect on 1 August 2026. It is a new standard.