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ICS 33.160.99
CCS M73

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6010-2024

Smart home terminal security - Technical requirements and test methods for security capabilities of intelligent cameras

智能家居终端安全 智能摄像头安全能力技术要求和测试方法

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6010-2024

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1 Foreword

YD/T 6010-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

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 the security capabilities of smart cameras, and classifies the security of smart cameras according to the severity of the hazards, including security capabilities at four levels: physical and hardware layer, firmware and system layer, network and communication layer, and application and data layer, and formulates security capability test methods of corresponding levels. This standard is applicable to smart cameras in smart home scenarios.

YD/T 6010-2024 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.

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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:

SJ/T 11340-2015 - General specification for front projector

GB/T 14471-2013 - General specification for headphones

YD/T 6311.5-2026 - Technical requirements for IP-based TV services on intelligent terminals, security aspect

YD/T 6311.4-2026 - Technical requirements for IP-based TV services on intelligent terminals, software-based terminal aspect

YD/T 6311.2-2026 - Technical requirements for IP-based TV services on intelligent terminals, service platform aspect

5 Classification and status

International classification (ICS): 33.160.99

Chinese Standard Classification (CCS): M 73

Prefix YD/T: recommended standard.

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