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ICS 35.100.40
CCS L79

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4478-2023

Technical requirements for network service access of home security monitoring equipment

家庭安防监控设备联网服务接入技术要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4478-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

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 network service access of home security monitoring equipment, including but not limited to the interface protocol requirements at the business layer and transmission layer between home security monitoring equipment and home security monitoring business platforms, as well as the equipment and home security monitoring business Interface functions of the main modules in the platform. This standard is mainly applicable to guide the development of Internet-based home security monitoring equipment network access capabilities, including guiding home security equipment manufacturers to correctly design and develop home security monitoring equipment and home security monitoring business platforms for use in the Internet environment. Access protocol, and interface functions with the main modules in the home security monitoring business platform.

YD/T 4478-2023 falls under ICS 35.100.40, in the field of information technology.

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This catalogue holds 725 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)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 17969.1-2015 - Information technology -- Open systems interconnection -- Procedures for the operation of OSI registration authorities -- Part 1: General procedures and top arcs of the International Object Identifier tree

GB/T 17143.7-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 7: Security alarm reporting function

GB/T 17143.4-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 4: Alarm reporting function

YD/T 6783-2026 - Identification and resolution for the Industrial Internet - Active identifier carrier - Test method of universal integrated circuit card

YD/T 6727-2026 - Technical requirements for IP based satellite access source address validation

YD/T 4432.6-2026 - Technical requirements for the inter-domain source address validation (SAVA-X) - Part 6: operation, administration, and maintenance (OAM)

5 Classification and status

International classification (ICS): 35.100.40

Chinese Standard Classification (CCS): L 79

Prefix YD/T: recommended standard.

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