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ICS 33.040.40
CCS L78

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4810-2024

## Routing System Control Interface (I2RS) Technical Requirements

路由系统控制接口（I2RS）技术要求

**(English Translation)**

**Issued on: July 5, 2024** **Implemented on: October 1, 2024**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 4810-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 the control interface of the routing system, and also specifies the technical requirements for the entire system architecture and related components related to the read and write operations of the routing system status. This standard is applicable to routing equipment manufacturers and network controller manufacturers.

YD/T 4810-2024 falls under ICS 33.040.40, 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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 4807-2024 - Technical requirements of YANG model based on MPLS segment routing in IP bearer network

YD/T 4802-2024 - Architecture and functional requirements of the intelligent communication network willingness management module based on SDN/NFV

YD/T 4800-2024 - Technical requirements for the generic YANG data model for routing domains

## 5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.



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