Chinastandards.org

SJ

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# SJ/T 11887.3-2023

**Information technology - Telecommunications and information exchange between systems - Time-division multiplexed low-power short-range wireless networks - Part 3: Network layer**

信息技术 系统间远程通信和信息交换 时分复用低功耗短距离无线网络 第3部分：网络层

**(English Translation)**

**Issued on: April 21, 2023** **Implemented on: November 1, 2023**

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

Preview: page 1 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sj-t-11887-3-2023

Chinastandards.org

# Table of Contents

[Preview only]
1 Scope
1.1 Subject Contents
1.2 Application Scope
2 Normative references
3 Terms and Definitions
3.1 Height of Raised Access Floor
3.2 Abbreviations
3.3 Bearing of Four Conner
3.4 Systematically Resistance of Raised Access Floor
4 Requirements
4.1 Relation between the Host and the Device
4.2 UTI Interface
4.3 Requirements for the Physical Layer of UTI Device
4.4 Transport Stream Interface
4.5 Command Data Interface
4.6 Characteristic Requirements for UTI Physical Layer
5 Instruments, equipment, and materials
5.1 Diagram of Module in Connection with Host
5.2 DTV-CI Interface
5.4 Command Interface
5.5 Physical Requirement
5.6 UTI-HTU
5.7 Measuring Condition
6 Sample processing and determination
6.1 TSI-Physical, Link Layers
6.2 TSI-Transport Layer
6.3 TSI - Upper Layers
6.4 Initialization Test
6.5 Resource Manager Test
6.6 Application Information Resource Test
6.7 Date-time Information Resource Test



Preview: page 2 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sj-t-11887-3-2023

6.8 CA Application Resource Test
6.9 UTI Device TS Test
7 Marking, packaging, transportation and storage
7.1 Data Structure
7.2 Transport Layer
7.3 Session Layer
7.4 Resource of Resource Manager
7.5 Application Information Resources
7.6 Date and Time Information Resources
7.9 Hot Plugging/Unplugging Test
8 Test report
8.1 Introduction
8.2 Resources
8.3 Application Protocol Data Units (APDU)
8.4 System Management Resources
8.5 Host Control and Information Resources
8.6 Man-Machine Interface Resource
8.7 Resource Identifiers and Application Object Tags
9.1 Electromagnetic Compatibility
9.2 Safety
9.3 Materials

## 1 Foreword

SJ/T 11887.3-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 November 2023.

It is one of 3 parts of the SJ/T 11887 series.

The SJ/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 network layer requirements for time division multiplexing low-power short-distance wireless networks, including overall requirements, functional description, message format and network security.



Preview: page 3 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sj-t-11887-3-2023

SJ/T 11887.3-2023 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 1,655 other SJ/T standards.

Of the 576 SJ/T standards that do carry an ICS number, 222 (39%) fall under ICS 31, in the field of electronics.

## 3 About this standard

Sector: Electronics 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:

SJ/T 11887.1-2023 - Information technology - Telecommunication and information exchange between systems - Time-division multiplexed low-power short-range wireless networks - Part 1: Physical layer

SJ/T 11887.2-2023 - Information technology - Telecommunication and information exchange between systems - Time-division multiplexed low-power short-range wireless networks - Part 2: Link layer

Standards on related subjects:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

SJ/T 12063-2026 - Test method of electric double layer capacitor system for road vehicles

## 5 Classification and status

Prefix SJ/T: recommended standard.



Preview: page 4 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sj-t-11887-3-2023