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ICS 33.070
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1427-2005

Technical requirements for digital cellular communication network equipment Intelligent Peripheral (IP) (CAMEL3)

900/1800MHz TDMA数字蜂窝移动通信网智能外设(IP)设备技术要求(CAMEL3)

(English Translation)

Issued on: December 26, 2005 **Implemented on: March 1, 2006**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 1427-2005 was issued by Ministry of Industry and Information Technology on 26 December 2005 and has been in force since 1 March 2006.

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 8 pages in English translation.

2 Scope Preview

This standard specifies the CAMEL2 and CAMEL3 stage 900/1800MHz TDMA digital cellular mobile communication network Intelligent Peripheral (IP) The main function of the device, the interface protocols, performance and capacity requirements, hardware and software requirements, and maintenance of IP management and measurement, environmental, synchronization and other technical requirements. This standard applies to 900/1800MHz TDMA digital cellular mobile communication network CAMEL2 and CAMEL3 stage Intelligent Peripheral (IP) devices.

YD/T 1427-2005 falls under ICS 33.070, 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 8 pages (approximate)

Chinese original: about 1,917 characters

4 Related standards

Standards on related subjects:

YD/T 1539-2006 - Technical Requirements and Testing Methods for Reliability of Mobile Telecommunication Handset

YD 1268.1-2003 - [YD/T 1268.1-2003] The safety specification and test method for lithium batteries

YD 1268.2-2003 - [YD/T 1268.2-2003] The safety specification and test method for lithium battery charger

YD/T 6502-2025 - Calibration procedures of electromagnetic field sensors and probes (excluding antennas)from 9kHz to 40GHz

YD/T 6501.1-2025 - Antenna performance requirement and measurement method for civil robots integrated with wireless communication technology - Part 1: General requirement

YD/T 2869.3-2025 - Performance requirement and measurement method for MIMO antenna terminal Part 3: 5G NR wireless terminal (mmWave)

5 Classification and status

International classification (ICS): 33.070

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

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