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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3331-2018

Overall technical requirements for cellular narrowband access (NB-IoT) wireless networks for the Internet of Things

面向物联网的蜂窝窄带接入（NB-IoT） 无线网总体技术要求

(English Translation)

Issued on: December 21, 2018 **Implemented on: April 1, 2019**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3331-2018 was issued by Ministry of Industry and Information Technology on 21 December 2018 and has been in force since 1 April 2019.

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 architecture of the cellular narrowband access (NB-IoT) wireless network for the Internet of Things. It specifies the technical requirements of the physical layer, upper layer and RRC layer as well as mobility management, UE capabilities and S1 and X2 interface requirements. This standard applies to the eNode B device supporting NB-IoT and the radio access part of the UE.

YD/T 3331-2018 carries no ICS number and no Chinese Standard Classification code.

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This catalogue holds 6,667 other YD/T standards.

Of the 4,379 YD/T standards that do carry an ICS number, 3,421 (78%) fall under ICS 33, in the field of telecommunications.

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:

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

YD/T 6763-2026 - Test method of 5G industry virtual private network management platform

YD/T 6762-2026 - Technical requirements for 5G access network sub-slice management function (AN-NSSMF)

YD/T 6761-2026 - User experience index requirements of the solution for the voice services (VoNR) based on 5G NR

5 Classification and status

Prefix YD/T: recommended standard.

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