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ICS 33.050.99
CCS M30

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 6636-2025

## Technical requirements for security capability ofextended reality device

扩展现实（XR）设备安全能力技术要求

**(English Translation)**

**Issued on: December 17, 2025** **Implemented on: April 1, 2026**

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

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## 1 Foreword

YD/T 6636-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

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 safety capabilities of extended reality (XR) devices, including the safety capability framework, safety objectives, and safety capability technical requirements for XR devices, and classifies the safety capabilities of XR devices. This standard applies to XR devices; some clauses are not applicable to specific industry applications, but may be used as a reference for other similar devices.

YD/T 6636-2025 falls under ICS 33.050.99, 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:

YD/T 3710-2020 - Test methods of message layer of LTE-based vehicular communication

YD/T 3937-2026 - User-plane-based A-BDS positioning technology requirements and testing methods for the Internet of Things (IoT)

YD/T 2879-2026 - Synchronization OAM technical requirements based on packet network

YD/T 6640-2026 - Industrial Internet edge computing - Edge cloud technology requirements and test methods

## 5 Classification and status

International classification (ICS): 33.050.99

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.



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