Chinastandards.org

ICS 35.240
CCS L 70

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/Z 247-2026

Artificial intelligence - Technical specifications for visual spatial computing system

人工智能 视觉空间计算系统技术规范

(English Translation)

Issued on: August 27, 2026 **Implemented on: August 27, 2026**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

Preview: page 1 of 2 shown, 17 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-z-247-2026

Chinastandards.org

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/Z 247-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 35.240; CCS L 70.

1 Scope

Visual spatial computing systems combine camera input, perception and computation so that a device can understand and place itself within a physical space, and this guiding document provides technical specifications for such systems within the field of artificial intelligence. As a GB/Z document, it supplies guidance and does not create mandatory requirements.

The likely audience includes developers of extended reality devices, robotics and autonomous platforms, companies building spatial mapping and positioning software, and hardware suppliers of sensors and processing modules. System integrators, evaluators and procurement teams can use the specifications to describe products in comparable terms and to frame requirements for projects. The document was issued on 27 August 2026 by the national standardization administration, and it is one of several AI documents on imaging and vision released on the same date. It is relevant to engineers and analysts who track the standardization of spatial computing in China or who plan to supply or integrate such systems for Chinese customers.

Preview: page 2 of 2 shown, 17 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-z-247-2026