

ICS 55.220
CCS A87



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48077-2026

**Technical requirements for intelligent monitoring of warehouse
goods**

仓库货物智能监测技术要求
(English Translation)

Issued on: August 28, 2026

Implemented on: March 1, 2027

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

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/T 48077-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

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

Classification: ICS 55.220; CCS A87.

1 Scope

Warehouses increasingly rely on sensors and software to watch over the goods they hold, and this document deals with the technical requirements for intelligent monitoring of warehouse goods. It is relevant wherever stock must be observed continuously, for example to keep track of its condition and location, and it gives developers and operators a common technical reference rather than leaving each system to its own conventions.

The likely audience includes warehouse and logistics operators, suppliers of monitoring hardware and software, system integrators, and the auditors or customers who need to judge whether a monitoring system meets expectations. Organisations in storage, distribution and supply-chain services may use it when specifying or procuring such systems. It is a recommended national standard, so it is voluntary unless adopted by contract or another rule. It was issued on 28 August 2026 and takes effect on 1 March 2027. It is an original Chinese document and does not adopt an international standard.