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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/Z 223-2026

Artificial intelligence - Technical specifications for AI-driven image signal processing system

人工智能 智能图像信号处理系统技术规范

(English Translation)

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Foreword

GB/Z 223-2026 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.

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1 Scope

In a camera, the image signal processor turns raw sensor output into a usable picture, and this guiding document sets technical specifications for an image signal processing system driven by artificial intelligence. It concerns systems in which AI methods take part in the processing chain. The document is a GB/Z type, meaning it provides guidance and no mandatory obligations.

Chip and module designers, camera and smartphone manufacturers, imaging software teams, and integrators of vision products for security, automotive or industrial use may find it relevant. Evaluation laboratories and buyers can use it to describe system characteristics in a shared way and to write clearer requirements. The document was issued on 27 August 2026 by the national standardization administration, and it forms part of a group of AI imaging and vision documents released together. Readers who follow how Chinese guidance addresses AI in imaging pipelines, or who supply components to Chinese device makers, can use it as a point of reference for national expectations in this area.

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