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Brain-inspired computing - Test method of dynamic vision sensor

类脑计算 动态视觉传感器测试方法

(English Translation)

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Foreword

GB/Z 262-2026 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

Test methods for dynamic vision sensors, a class of event-driven imaging devices associated with brain-inspired computing, are the subject of this guiding technical document. Unlike conventional cameras, such sensors report changes in a scene as they happen, so common test methods help manufacturers, system designers and laboratories characterise them in a comparable way.

Sensor makers, neuromorphic hardware developers, robotics and machine-vision engineers, and independent test houses are the likely users. Being a GB/Z document, it provides guidance rather than mandatory requirements and may be adopted voluntarily.

Teams preparing datasheets, evaluation plans or procurement criteria for these sensors in the Chinese market can use it as a national reference for how testing is expected to be approached. It was issued on 27 August 2026 by the Standardization Administration of China. For a sensor type whose output differs so much from ordinary video, agreed test practice is especially useful when results from different suppliers must be put side by side.

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