

ICS 35.240
CCS L70

SJ

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

SJ/T 12102.1-2026

**Artificial intelligence-Technical specification for vehicle
features recognition system - Part 1: Motor vehicle**

人工智能 车辆特征识别系统技术规范 第1部分：机动车

(English Translation)

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Foreword

SJ/T 12102.1-2026 is a recommended industry standard of the People's Republic of China in the Electronics sector, approved and issued by the Ministry of Industry and Information Technology on 28 April 2026.

Classification: ICS 35.240; CCS L70.

1 Scope

This is Part 1 of the series on vehicle feature recognition systems, and it deals with motor vehicles. It gives the technical specification for artificial intelligence systems that recognise the features of motor vehicles, such as those seen by cameras on roads and in parking or access areas. The part sets out the technical side of the recognition system for this vehicle type.

Developers of recognition software and equipment, system integrators, operators of traffic and parking management systems and test organisations are the typical users. The standard is voluntary (code with /T). It was approved by the Ministry of Industry and Information Technology, issued on 28 April 2026 and takes effect on 28 April 2026. It is a new standard. Part 2 of the series covers non-motor vehicles.