

IVISTA

China Intelligent Vehicle Index

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Intelligent Parking Index Overall Evaluation Rating Protocol

(Version 2023)

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Intelligent Parking Index Overall Evaluation Rating Protocol

1 Scope

This document specifies the overall rating methods of IVISTA China Intelligent Vehicle Index - Intelligent Parking Index.

2 Normative References

The following normative documents contain provisions which, through reference in this text, constitute indispensable provisions of this document. For dated references, only the dated edition applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

IVISTA-SM-IPI.PA-RP-A0-2023 Intelligent Parking Index - Parking Assist System Rating Protocol

IVISTA-SM-IPI.MP-RP-A0-2023 Intelligent Parking Index - Memory Parking System Rating Protocol

3 Rating Methods

The overall rating of intelligent parking index is divided into five levels: Good + (G+), Good (G), Acceptable (A), Marginal (M) and Poor (P). The specific rating methods are shown in Table 1.

- a) The overall rating is Good + (G+): The scoring rate of the parking assist system test is $\geq 80\%$, and the scoring rate of the memory parking system test meets the requirements.
- b) The overall rating is Good (G): The scoring rate of the parking assist system test is $\geq 80\%$.
- c) The overall rating is Acceptable (A): $80\% > \text{scoring rate of parking assist system test} \geq 60\%$.
- d) The overall rating is Marginal (M): $60\% > \text{scoring rate of parking assist system test} \geq 40\%$.
- e) The overall rating is Poor (P): The scoring rate of the parking assist system test is $< 40\%$.

The parking assist system test is rated according to the scoring rate (the parking assist system test score is divided by the total score of 100 points, and rounded to one decimal place).

Table 1 Overall Rating of Intelligent Parking Index

Intelligent Parking Index Rating	Parking Assist System Test	Memory Parking System Test
Good + (G+)	Scoring rate $\geq 80\%$	The scoring rate meets the requirements
Good (G)	Scoring rate $\geq 80\%$	-
Acceptable (A)	$80\% > \text{scoring rate} \geq 60\%$	
Marginal (M)	$60\% > \text{scoring rate} \geq 40\%$	
Poor (P)	Scoring rate $< 40\%$	