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**Multimedia systems and equipment for vehicles - Surround
view system - Part 2: Recording methods of the surround view
system**

车辆多媒体系统和设备 环视系统 第2部分：环视系统的记录方法

(English Translation)

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Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 "Directives for standardization - Part 1.Rules for the structure and drafting of standardizing documents".

This document is Part 2 of GB/T 45715 "Multimedia systems and equipment for vehicles - Surround view system". GB/T 45715 has issued the following parts.

- Part 1.General;
- Part 2.Recording methods of the surround view system.

This document is identical to IEC 63033-2:2022 "Multimedia systems and equipment for vehicles - Surround view system - Part 2.Recording methods of the surround view system".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The issuing authority of this document shall not be held responsible for identifying any or all such patent rights.

This document was proposed by Ministry of Industry and Information Technology of

the People's Republic of China.

This document shall be under the jurisdiction of National Technical Committee on Audio, Video and Multimedia Systems and Equipment of r Standardization Administration of China (SAC/TC 242).

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Multimedia systems and equipment for vehicles - Surround
view system - Part 2. Recording methods of the surround
view system

1 Scope

This document specifies the recording methods of the surround view system as specified in IEC 63033-1, to facilitate viewing of video files recorded with "free viewpoint" technology.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 63033-1 Multimedia systems and equipment for vehicles - Surround view system - Part 1.General

NOTE: GB/T 45715.1-2025 Multimedia systems and equipment for vehicles - Surround view system - Part 1.General (IEC 63033-1.2022, IDT)

3 Terms, definitions and abbreviations

This document does not require specific terms or definitions.

3.1 Abbreviations

For the purpose of this document, the following abbreviations apply.

GNSS. Global Navigation Satellite System

SIM. Stream Information and Metadata

4.1 General

This document defines the recording methods of video footage obtained from a vehicle-mounted camera used as part of the surround view system and specifies a model for the