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REDLINE VERSION

INTERNATIONAL STANDARD

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~~Car~~ Multimedia systems and equipment for vehicles – ~~Drive monitoring~~ Surround view system –
Part 2: Recording methods of the ~~drive monitoring~~ surround view system

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~~CAR~~ MULTIMEDIA SYSTEMS AND EQUIPMENT FOR VEHICLES – ~~DRIVE MONITORING~~ SURROUND VIEW SYSTEM –

Part 2: Recording methods of the ~~drive monitoring~~ surround view system

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IEC 63033-2 has been prepared by technical area 17: Multimedia systems and equipment for vehicles, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

This second edition cancels and replaces the first edition published in 2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) updates to the text and the title to reflect the change of the scope of the IEC 63033 series.

The text of this International Standard is based on the following documents:

Draft	Report on voting
100/3733/FDIS	100/3752/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

A list of all parts in the IEC 63033 series, published under the general title *Multimedia systems and equipment for vehicles – Surround view system*, can be found on the IEC website.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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INTRODUCTION

This document specifies recording methods of the ~~drive monitoring~~ surround view system specified in IEC ~~TS~~ 63033-1, which also specifies the model for generating the surrounding visual image of the ~~drive monitoring~~ surround view system. The system allows drivers to monitor the ~~car~~ vehicle's perimeter in real time by using "free eye point" technology, which allows drivers to dynamically change the viewing perspective, offering the most appropriate views according to the driving situation.

~~IEC 63033-2 specifies recording methods of the drive monitoring system in order to view the recorded video file with "free eye point" technology.~~

~~CAR~~ MULTIMEDIA SYSTEMS AND EQUIPMENT FOR VEHICLES – ~~DRIVE MONITORING~~ SURROUND VIEW SYSTEM –

Part 2: Recording methods of the ~~drive monitoring~~ surround view system

1 Scope

This part of IEC 63033 specifies recording methods of the ~~drive monitoring~~ surround view system that is specified in IEC ~~TS~~ 63033-1 in order to view the video file recorded with "free eye point" technology.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 TS 63033-1:2017, *Car multimedia system and equipment – Drive monitoring system – Part1: General*~~

IEC 63033-1, *Multimedia systems and equipment for vehicles – Surround view system – Part 1: General*

IEC 63033-2

Edition 2.0 2022-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

Systèmes et équipements multimédias pour véhicules – Système de vision panoramique – Partie 2: Méthodes d'enregistrement du système de vision panoramique



IEC 63033-2:2022-04(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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MULTIMEDIA SYSTEMS AND EQUIPMENT FOR VEHICLES – SURROUND VIEW SYSTEM –

Part 2: Recording methods of the surround view system

FOREWORD

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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 part of IEC 63033 specifies recording methods of the surround view system that is specified in IEC 63033-1 in order to view the video file recorded with "free eye point" technology.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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*

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COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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SYSTÈMES ET ÉQUIPEMENTS MULTIMÉDIAS POUR VÉHICULES – SYSTÈME DE VISION PANORAMIQUE –

Partie 2: Méthodes d'enregistrement du système de vision panoramique

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Cette seconde édition annule et remplace la première édition parue en 2018. Cette édition constitue une révision technique.

Cette édition inclut les modifications techniques majeures suivantes par rapport à l'édition précédente:

a) mises à jour du texte et du titre afin de refléter la modification du domaine d'application de la série IEC 63033.

Le texte de cette Norme internationale est issu des documents suivants:

Projet	Rapport de vote
100/3733/FDIS	100/3752/RVD

Le rapport de vote indiqué dans le tableau ci-dessus donne toute information sur le vote ayant abouti à son approbation.

La langue employée pour l'élaboration de cette Norme internationale est l'anglais.

Une liste de toutes les parties de la série IEC 63033, publiées sous le titre général *Systèmes et équipements multimédias pour véhicules – Système de vision panoramique*, se trouve sur le site web de l'IEC.

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INTRODUCTION

Le présent document spécifie les méthodes d'enregistrement du système de vision panoramique spécifié dans l'IEC 63033-1, qui spécifie également le modèle utilisé pour générer l'image visuelle environnante du système de vision panoramique. Ce système permet aux conducteurs de surveiller le périmètre autour du véhicule en temps réel en utilisant la technologie "yeux libres", ce qui permet aux conducteurs de modifier de manière dynamique le point de vue afin d'obtenir les vues les plus appropriées en fonction de la situation de conduite.

SYSTÈMES ET ÉQUIPEMENTS MULTIMÉDIAS POUR VÉHICULES – SYSTÈME DE VISION PANORAMIQUE –

Partie 2: Méthodes d'enregistrement du système de vision panoramique

1 Domaine d'application

La présente partie de l'IEC 63033 spécifie les méthodes d'enregistrement du système de vision panoramique défini dans l'IEC 63033-1 afin de permettre le visionnage du fichier vidéo enregistré à l'aide de la technologie "yeux libres".

2 Références normatives

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