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Multimedia systems and equipment for vehicles - Surround view system - Part 3: Measurement methods

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/22

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English Version

**Multimedia systems and equipment for vehicles - Surround view system - Part 3: Measurement methods
(IEC 63033-3:2022)**

Systèmes et équipements multimédias pour véhicules -
Système de vision panoramique - Partie 3: Méthodes de
mesurage
(IEC 63033-3:2022)

Multimedia Systeme und Einrichtungen für Fahrzeuge -
Rundumsicht System - Teil 3: Messverfahren
(IEC 63033-3:2022)

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EN IEC 63033-3:2022 (E)

European foreword

The text of document 100/3734/FDIS, future edition 2 of IEC 63033-3, prepared by IEC/TC 100, "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63033-3:2022.

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-02-25
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 63033-1	2022	Multimedia systems and equipment for vehicles - Surround view system - Part 1: General	EN IEC 63033-1	2022
ISO 16505	2019	Road vehicles - Ergonomic and performance aspects of Camera Monitor Systems - Requirements and test procedures	-	-
UN Regulation No. 125	-	Uniform provisions concerning the approval of motor vehicles with regards to the forward field of vision of the motor vehicle driver	-	-
UN Regulation No. 46	-	Uniform provisions concerning the approval of devices for indirect vision and of motor vehicles with regards to the installation of these devices	-	-



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Edition 2.0 2022-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Multimedia systems and equipment for vehicles – Surround view system –
Part 3: Measurement methods**

**Systèmes et équipements multimédias pour véhicules – Système de vision
panoramique –
Partie 3: Méthodes de mesurage**





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IEC 63033-3

Edition 2.0 2022-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Multimedia systems and equipment for vehicles – Surround view system –
Part 3: Measurement methods**

**Systèmes et équipements multimédias pour véhicules – Système de vision
panoramique –
Partie 3: Méthodes de mesurage**

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SURROUND VIEW SYSTEM –****Part 3: Measurement methods****FOREWORD**

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IEC 63033-3 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 2019. 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
100/3734/FDIS	100/3753/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 measurement methods for the surround view system specified in IEC 63033-1, which also specifies the model for generating the surrounding visual image of a surround view system. The system allows drivers to monitor the car's perimeter in real time by using "free eye point" technology, which allows drivers to dynamically change the viewing perspective to obtain the most appropriate views according to the driving situation.

MULTIMEDIA SYSTEMS AND EQUIPMENT FOR VEHICLES – SURROUND VIEW SYSTEM –

Part 3: Measurement methods

1 Scope

This document specifies measurement methods for the surround view system specified in IEC 63033-1.

2 Normative references

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