



# SLOVENSKI STANDARD SIST EN IEC 63033-3:2023

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## Multimedijski sistemi in oprema za vozila - Sistem prostorskega pogleda - 3. del: Merilne metode (IEC 63033-3:2022)

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

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

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

**Ta slovenski standard je istoveten z: EN IEC 63033-3:2022**

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### ICS:

33.160.60	Večpredstavni (multimedijski) sistemi in oprema za telekonference	Multimedia systems and teleconferencing equipment
43.040.15	Avtomobilska informatika. Vgrajeni računalniški sistemi	Car informatics. On board computer systems

**SIST EN IEC 63033-3:2023**

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NORME EUROPÉENNE  
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**EN IEC 63033-3**

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Supersedes EN IEC 63033-3:2019

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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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**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.

The following dates are fixed:

- 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
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-05-25

This document supersedes EN IEC 63033-3:2019 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 63033-3:2022 was approved by CENELEC as a European Standard without any modification.

<https://standards.itih.ai/catalog/standards/sist/336ba23d-d0e7-4778-b498-af8db56982c5/sist-en-iec-63033-3-2023>

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

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](http://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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# 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**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MULTIMEDIA SYSTEMS AND EQUIPMENT FOR VEHICLES –  
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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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- amended.

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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.

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