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**Multimedijski sistemi in oprema za vozila - Sistem prostorskega pogleda - 4. del:  
Program za nadzorne sisteme kamer (IEC 63033-4:2022)**

Multimedia systems and equipment for vehicles - Surround view system - Part 4:  
Application for camera monitor systems (IEC 63033-4:2022)

Multimedia Systeme und Einrichtungen für Fahrzeuge - Rundumsicht System - Teil 4:  
Anwendung für Kamera Überwachungssysteme (IEC 63033-4:2022)

Systèmes et équipements multimédias pour véhicules - Système de vision panoramique  
- Partie 4: Application des systèmes à caméra et moniteur (IEC 63033-4:2022)

**Ta slovenski standard je istoveten z: EN IEC 63033-4:2022**

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

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NORME EUROPÉENNE  
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**EN IEC 63033-4**

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English Version

**Multimedia systems and equipment for vehicles - Surround view  
system - Part 4: Application for camera monitor systems  
(IEC 63033-4:2022)**

Systèmes et équipements multimédias pour véhicules -  
Système de vision panoramique - Partie 4: Application des  
systèmes à caméra et moniteur  
(IEC 63033-4:2022)

Multimedia Systeme und Einrichtungen für Fahrzeuge -  
Rundumsicht System - Teil 4: Anwendung für Kamera  
Überwachungssysteme  
(IEC 63033-4:2022)

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**EN IEC 63033-4:2022 (E)****European foreword**

The text of document 100/3723/FDIS, future edition 1 of IEC 63033-4, prepared by CENELEC TC 100, Technical Area 17 "Multimedia systems and equipment for vehicles" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63033-4:2022.

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) 2023-02-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-05-12

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IEC 63033-1 NOTE Harmonized as EN IEC 63033-1

## 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>
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 4: Application for camera monitor systems**

**Systèmes et équipements multimédias pour véhicules – Système de vision  
panoramique –**

**Partie 4: Application des systèmes à caméra et moniteur**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MULTIMEDIA SYSTEMS AND EQUIPMENT FOR VEHICLES –  
SURROUND VIEW SYSTEM –****Part 4: Application for camera monitor systems****FOREWORD**

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IEC 63033-4 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.

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

Draft	Report on voting
100/3723/FDIS	100/3750/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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## INTRODUCTION

To install a CMS (Camera Monitor System) in a vehicle, it must comply with UN Regulation No. 46. The current CMS only shows one camera image on one display. This document specifies which composite images generated from the multiple cameras of the surround view system specified in IEC 63033-1 comprise the FOV, and which display requirements specified in UN Regulation No. 46 apply.

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