

STN	Videokamera a záznamník údajov pri nehodách cestných vozidiel Časť 1: Základné požiadavky	STN EN 63005-1 36 8570
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Event video data recorder for road vehicle accidents - Part 1: Basic requirements

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. 03/18

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EUROPEAN STANDARD

EN 63005-1

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English Version

**Event video data recorder for road vehicle accidents - Part 1:
Basic requirements
(IEC 63005-1:2017)**

Enregistreurs de données vidéo pour l'identification et
l'analyse des causes des accidents des véhicules routiers -
Partie 1: Exigences de bases
(IEC 63005-1:2017)

Ereignis Video Daten Recorder für Unfälle von
Straßenfahrzeugen - Teil 1: Generelle Anforderungen
(IEC 63005-1:2017)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 63005-1:2017 (E)**European foreword**

The text of document 100/2839/CDV, future edition 1 of IEC 63005-1, prepared by Technical Area 17 "Multimedia systems and equipment for cars" of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 63005-1:2017.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-06-13
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IEC 62133 NOTE Harmonized as EN 62133.

Annex ZA (normative)

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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 60068-2-1	2007	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	2007
IEC 60068-2-6	-	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	-
IEC 60068-2-27	2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	2009
ISO 12233	-	Photography - Electronic still picture imaging - Resolution and spatial frequency responses		-



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INTERNATIONAL STANDARD



Event video data recorder for road vehicle accidents – Part 1: Basic requirements



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IEC 63005-1

Edition 1.0 2017-08

INTERNATIONAL STANDARD



Event video data recorder for road vehicle accidents – Part 1: Basic requirements

INTERNATIONAL
ELECTROTECHNICAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

EVENT VIDEO DATA RECORDER FOR ROAD VEHICLE ACCIDENTS –**Part 1: Basic requirements****FOREWORD**

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International Standard IEC 63005-1 has been prepared by technical area 17: Multimedia systems and equipment for cars, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

CDV	Report on voting
100/2839/CDV	100/2947/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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INTRODUCTION

There is a distinction between event video data recorder (EVDR) systems and digital tachographs (DTG, ISO 16844-7), which record vehicle dynamics and the driver's activities during the entire driving period. There is also a distinction between EVDR systems and event data recorders (EDR, IEEE 1616), which record vehicle dynamics and the driver's activities before, during and after the event. DTGs and EDRs both have direct connections to the vehicle's internal signal line, such as in-vehicle network (IVN) or analogue signal line, whereas direct connection is not required for EVDRs.

EVDR systems are prohibited from serving purposes other than the aforementioned. They cannot be placed in unapproved areas and/or not record sound.

EVENT VIDEO DATA RECORDER FOR ROAD VEHICLE ACCIDENTS –

Part 1: Basic requirements

1 Scope

This part of IEC 63005 describes basic requirements for event video data recorders (EVDRs) for road vehicle accidents, used for identifying and analysing causes of accidents based on video from a front-mounted camera and other information obtained before and after such events. In addition to video from a front-mounted camera and vehicle behaviour, these products can record side and/or rear video data for enhanced functionalities in determining causes of accidents and analysing collision events.

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IEC 60068-2-6, *Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)*

IEC 60068-2-27:2010, *Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock*

ISO 12233, *Photography – Electronic still picture imaging — Resolution and spatial frequency responses*

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