

INTERNATIONAL STANDARD

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**Event video data recorder for road vehicle accidents
Part 2: Test methods for evaluating performance of basic functions**

**Enregistreurs de données vidéo pour l'identification et l'analyse des causes
des accidents des véhicules routiers –
Partie 2: Méthodes d'essai pour l'évaluation des performances des fonctions
de base**



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CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references	5
3 Terms and definitions	5
4 Abbreviated terms	6
5 General requirements for tests	6
5.1 Test environment	6
5.2 Simulation of accident events	6
5.2.1 General	6
5.2.2 Simulation device	6
5.2.3 Applying a simulated accident event	7
5.2.4 Simulating multiple collision events.....	7
5.3 Evaluating performance of storing acceleration.....	7
5.4 Test conditions	7
5.5 Test order	8
6 Evaluation of performance of the EVDR.....	8
6.1 Evaluating the performance of power component	8
6.1.1 Overvoltage test	8
6.1.2 Protection from power failure and of event data recording time.....	8
6.1.3 Prevention of vehicle battery from complete discharge (applicable to continuously recording EVDR only).....	9
6.1.4 Tests on conducted emission, radiated emission, and radiated immunity	9
6.2 Vehicle dynamics data and other performance	9
6.3 Video camera performance	10
6.3.1 Basic camera performance	10
6.3.2 Camera field of view (FOV).....	10
6.3.3 Performance of registration plate identification	10
6.4 Data storage and cyber security.....	11
6.4.1 Preservation of data	11
6.4.2 Integrity verification function	11
6.5 Environmental reliability test	14
6.5.1 Low-temperature operation test	14
6.5.2 High-temperature operation test	14
6.5.3 High-temperature storage test	14
6.5.4 Vibration test	14
6.5.5 Mechanical shock test	15
7 Labelling.....	15
7.1 Details to be displayed on the EVDR.....	15
7.2 Instruction manual	15
Bibliography.....	16
Figure 1 – An example of the triangular waveform caused by the acceleration-generating equipment	6
Table 1 – DC voltage for operation of the subject.....	7
Table 2 – Order of test items and number of specimens.....	8

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EVENT VIDEO DATA RECORDER FOR ROAD VEHICLE ACCIDENTS –**Part 2: Test methods for evaluating performance of basic functions**

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

FDIS	Report on voting
100/3314/FDIS	100/3342/RVD

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.

A list of all parts in the IEC 63005 series, published under the general title *Event video data recorder for road vehicle accidents*, can be found on the IEC website.

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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EVENT VIDEO DATA RECORDER FOR ROAD VEHICLE ACCIDENTS –

Part 2: Test methods for evaluating performance of basic functions

1 Scope

This part of IEC 63005 describes test methods on evaluating performance of basic functionalities of EVDR described in IEC 63005-1.

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 63005-1:2017, *Event video data recorder for road vehicle accidents – Part 1: Basic requirements*

IEC 60068-2-1:2007, *Environmental testing – Part 2-1: Tests – Test A: Cold*

IEC 60068-2-2:2007, *Environmental testing – Part 2-2: Tests – Test B: Dry heat*

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

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

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

EVDR **event video data recorder**

system that stores vehicle video data of the accident on an electronic recording medium before, during, and after collision accident events with other vehicles, with passers-by and with any other objects

Note 1 to entry: This note applies to the French language only.

3.2

event data

information recorded by the EVDR to facilitate analysis of accident scenarios in the case of collision accident events with other vehicles, pedestrians or objects