SLOVENSKI STANDARD

SIST EN 62345:2006

januar 2006

Format ID za 50-milimetrski magnetno-optični diskovni sistem (IEC 62345:2005)

(istoveten EN 62345:2005)

ID format for 50 mm magneto-optical disc system (IEC 62345:2005)

ICS 33.160.40

Referenčna številka
SIST EN 62345:2006(en)

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 62345

April 2005

ICS 33.160.40

English version

ID format for 50 mm magneto-optical disc system
(IEC 62345:2005)

Format de l'identifiant pour un système à disque magnéto-optique de 50 mm
(CEI 62345:2005)

ID-Format für das magneto-optische System mit 50 mm Platte
(IEC 62345:2005)

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 62345:2005 E

Foreword

The text of document 100/870/FDIS, future edition 1 of IEC 62345, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62345 on 2005-02-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2005-12-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2008-02-01

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Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 62345:2005 was approved by CENELEC as a European Standard without any modification.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60950-1 (mod)	2001	Information technology equipment - Safety Part 1: General requirements	EN 60950-1 + A11 + corr. April	2001 2004 2004
ISO/IEC 13346-1	1995	Information technology - Volume and file structure of write-once and rewritable media using non-sequential recording for information interchange Part 1: General	-	-

INTERNATIONAL STANDARD

IEC 62345

First edition
2005-03

ID format for 50 mm magneto-optical disc system

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International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE XA

For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ID FORMAT FOR 50 mm MAGNETO-OPTICAL DISC SYSTEM

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62345 has been prepared by IEC technical committee 100: Audio, video, and multimedia systems and equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
100/870/FDIS	100/912/RVD

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

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

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

ID FORMAT FOR 50 mm MAGNETO-OPTICAL DISC SYSTEM

1 Scope

This International Standard specifies the characteristics of 50 mm Optical Disc Cartridges (ODC) with a capacity of 730 Mbytes per Cartridge. This regulation covers the logical format of removable 50 mm magneto-optical discs used on digital still cameras, digital movie cameras, electronic albums and similar devices and combinations of these devices that record, play or process the digital data of still pictures, motion pictures and audio. This standard specifies the recording and reproducing format and processing method of files of still pictures, motion pictures and audio on 50 mm magneto-optical discs so that the users can use these discs on various compatible devices.

2 Normative references

The following referenced documents are indispensable for the application 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 60950-1:2001, *Information technology equipment – Safety – Part 1: General requirements*

ISO/IEC 13346-1:1995, *Information technology – Volume and file structure of write-once and rewritable media using non-sequential recording for information interchange – Part 1: General*

3 Terms and definitions

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

3.1
band
part of the Data Zone comprising a fixed number of consecutive physical tracks

3.2
base band wobble address
address information formed by wobbling with bi-phase modulation

3.3
case
housing for an optical disc, that protects the disc and facilitates disc interchange

3.4
channel bit
smallest element for the representation of data on a disc. It is recorded as either a space or a mark

3.5
clamping zone
annular part of the disc within which the clamping force is applied by the clamping device