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Irish Standard
I.S. EN 62227:2008

Multimedia home server systems - Digital rights permission code (IEC 62227:2008 (EQV))

I.S. EN 62227:2008

Incorporating amendments/corrigenda issued since publication:

EN 62227:2008/A1:2013

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English version

**Multimedia home server systems -
Digital rights permission code
(IEC 62227:2008/A1:2012)**

Systèmes serveurs multimédia
domestiques -
Codes numériques des autorisations des
droits
(CEI 62227:2008/A1:2012)

Multimedia-Homeserversysteme -
Zulassungsschlüssel für digitale Rechte
(IEC 62227:2008/A1:2012)

This amendment A1 modifies the European Standard EN 62227:2008; it was approved by CENELEC on 2013-01-03. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 100/1953/CDV, future edition 1 of IEC 62227:2008/A1, prepared by Technical Area 8, "Multimedia home server systems", 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 62227:2008/A1:2013.

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) 2013-10-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-01-03

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The text of the International Standard IEC 62227:2008/A1:2012 was approved by CENELEC as a European Standard without any modification.

EUROPEAN STANDARD

EN 62227

NORME EUROPÉENNE

October 2008

EUROPÄISCHE NORM

ICS 33.160.60; 35.240.99

English version

**Multimedia home server systems -
Digital rights permission code
(IEC 62227:2008)**

Systèmes serveurs
multimédia domestiques -
Codes numériques
des autorisations des droits
(CEI 62227:2008)

Multimedia-Homeserversysteme -
Zulassungsschlüssel für digitale Rechte
(IEC 62227:2008)

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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

I.S. EN 62227:2008

EN 62227:2008

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Foreword

The text of document 100/1287/CDV, future edition 1 of IEC 62227, prepared by technical area 8, Multimedia home server systems, of 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 62227 on 2008-09-01.

The following dates were fixed:

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- latest date by which the national standards conflicting
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Annex ZA has been added by CENELEC.

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The text of the International Standard IEC 62227:2008 was approved by CENELEC as a European Standard without any modification.

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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 3166-1	2006	Codes for the representation of names of countries and their subdivisions - Part 1: Country codes	EN ISO 3166-1	2006

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MULTIMEDIA HOME SERVER SYSTEMS – DIGITAL RIGHTS PERMISSION CODE

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This consolidated version of IEC 62227 consists of the first edition (2008) [documents 100/1287/CDV and 100/1374/RVC] and its amendment 1 (2012) [documents 100/1953/CDV and 100/2011/RVC]. It bears the edition number 1.1.

The technical content is therefore identical to the base edition and its amendment and has been prepared for user convenience. A vertical line in the margin shows where the base publication has been modified by amendment 1. Additions and deletions are displayed in red, with deletions being struck through.

I.S. EN 62227:2008

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International Standard IEC 62227 has been prepared by technical area 8: Multimedia home server systems, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The French version of this standard has not been voted upon.

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

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the stability 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.

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INTRODUCTION to Amendment 1

The revision of IEC 62227:2008 has become necessary to specify the new additional definition of the descriptor. This Amendment 1 contains the following significant technical changes with respect to the base publication IEC 62227:

- new definition of content type is added;
- new element definition of permission purpose classification is added.

In addition, this amendment will provide editorial changes that will improve the clarity and the understanding of the text.

INTRODUCTION

The common ID system is used to systematically identify every entity, device and content that would be involved in the course of digitally distributing content. The permission code can express various sets of permission information and permission conditions necessary for content transmission in a remarkably short code form. The permission code is not defined from a technical perspective, but rather on the basis of permission information that rights holders actually employ in the field, even if the permission code is recognized for its technical effectiveness with respect to digital distribution of content.

MULTIMEDIA HOME SERVER SYSTEMS – DIGITAL RIGHTS PERMISSION CODE

1 Scope

This International Standard defines the permission code, a set of permission related information in short code form, primarily intended for home server systems. The permission code is comprised of a common ID system (content ID, issuer ID, receiver ID, device ID, etc.) and a narrowly-defined permission code.

The common ID system is used to systematically identify every entity, device and content that would be involved in the course of digitally distributing content. The permission code can express various sets of permission information and permission conditions necessary for content transmission in a remarkably short code form. The permission code is not defined from a technical perspective, but rather on the basis of permission information that rights holders actually employ in the field. Even after, the permission code is recognized for its technical effectiveness with respect to digital distribution of content.

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.

ISO 3166-1:2006, *Codes for the representation of names of countries and their subdivisions – Part 1: Country codes*

3 Terms, definitions and abbreviations

3.1 Terms and definitions

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

3.1.1 permission

act by a certain issuing entity to authorize use for content to a certain receiving entity under a certain set of permission classifications and usage conditions

NOTE The issuing entity and/or the receiving entity may not only be human, but also a device, storage medium, organization, domain or another entity.

3.1.2 permission management server

a server that issues a permission code based on a permission agreement

NOTE The server is equipped with a

- a) license server,
- b) a function that forwards the permission code to a distribution server, and
- c) a function that receives a content usage report from the license server and the distribution server.

3.1.3 compliant license server

a server that issues a license based on a permission code

NOTE The server is equipped with

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