SLOVENSKI STANDARD
SIST EN 62481-4:2014

01-oktober-2014

Smernice za medobratovalnost naprav, povezanih v domače omrežje po standardu za hišna digitalna omrežja (DLNA) - 4. del: Rešitve za medobratovalnost DRM (digitalnih radijskih naprav) (IEC 62481-4:2014)

Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 4: DRM interoperability solutions (TA9) (IEC 62481-4:2014)

Digital living network alliance (DLNA) Interoperabilitäts-Richtlinien für Geräte im Heimnetzwerk - Teil 4: Digitale Rechte Management (DRM) Interoperabilitätslösungen (IEC 62481-4:2014)

Directives d'Interopéabilité des dispositifs de réseau domestique DLNA (DIGITAL LIVING NETWORK ALLIANCE) - Partie 4: Solutions d'interopérabilité de gestion des droits numériques (CEI 62481-4:2014)

Ta slovenski standard je istoveten z: **EN 62481-4:2014**

ICS:

33.160.01	Avdio, video in avdiovizualni sistemi na splošno	Audio, video and audiovisual systems in general
35.100.05	Večslojne uporabniške rešitve	Multilayer applications
35.110	Omreževanje	Networking

SIST EN 62481-4:2014 **en,fr,de**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 62481-4

May 2014

ICS 33.160; 35.100.05; 35.110

English Version

Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 4: DRM interoperability solutions (TA9)
(IEC 62481-4:2014)

Directives d'Interopéabilité des dispositifs de réseau domestique DLNA (DIGITAL LIVING NETWORK ALLIANCE) - Partie 4: Solutions d'interopérabilité de gestion des droits numériques
(CEI 62481-4:2014)

Digital living network alliance (DLNA) Interoperabilitäts-Richtlinien für Geräte im Heimnetzwerk - Teil 4: Digitale Rechte Management (DRM) Interoperabilitätslösungen
(IEC 62481-4:2014)

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This European Standard 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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CENELEC

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

Ref. No. EN 62481-4:2014 E

Foreword

The text of document 100/2250/FDIS, future edition 1 of IEC 62481-4, prepared by technical area 9, "Audio, video and multimedia applications for end-user network", 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 62481-4:2014.

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)   2015-01-10
- latest date by which the national standards conflicting with the document have to be withdrawn   (dow)   2017-04-10

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 62481-4:2014 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 documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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

Publication	Year	Title	EN/HD	Year
IEC 62481-1	2013	Digital living network alliance (DLNA) home networked device interoperability guidelines -- Part 1: Architecture and protocols	EN 62481-1	2014
IEC 62481-2	2013	Digital living network alliance (DLNA) home networked device interoperability guidelines -- Part 2: DLNA media formats	EN 62481-2	2014
IEC 62481-3	2013	Digital living network alliance (DLNA) home networked device interoperability guidelines -- Part 3: Link protection	EN 62481-3	2014
ISO/IEC 29341-3-12	-	Information technology -- UPnP Device Architecture -- Part 3-12: Audio Video Device Control Protocol - Content Directory Service	-	-
DTCP Adopter Agreement	-	Digital Transmission Content Protection License Agreement	-	-
DTCP Volume 1 Supplement E	-	Mapping DCTP to IP	-	-
DTCP Volume 1	-	Digital transmission content protection specification	-	-

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IEC 62481-4

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Digital living network alliance (DLNA) home networked device interoperability guidelines –
Part 4: DRM interoperability solutions

Directives d'interopérabilité des dispositifs de réseau domestique DLNA (digital living network alliance) –
Partie 4: Solutions d'interopérabilité de gestion des droits numériques

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**DIGITAL LIVING NETWORK ALLIANCE (DLNA) HOME
NETWORKED DEVICE INTEROPERABILITY GUIDELINES –**

Part 4: DRM interoperability solutions

FOREWORD

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International Standard IEC 62481-4 has been prepared technical area 9: Audio, video and multimedia applications for end-user network, 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
100/2250/FDIS	100/2286/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.

A list of all parts of IEC 62481 series, published under the general title *Digital living network alliance (DLNA) home networked device interoperability guidelines,* can be found on the IEC website.

The committee has decided that the contents of this publication 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

Consumers are acquiring, viewing, and managing an increasing amount of digital media (photos, music, and video) on devices in the Consumer Electronics (CE), mobile, and Personal Computer (PC) domains. As such, they want to conveniently enjoy the content, regardless of the source, across different devices and locations in the home. The digital home vision integrates the Internet, mobile, and broadcast networks through a seamless, interoperable network, which will provide a unique opportunity for manufacturers and consumers alike. In order to cater for this need, a common set of industry design guidelines is needed that allows vendors to participate in a growing marketplace, leading to more innovation, simplicity, and value for consumers. This International Standard serves that purpose and provides vendors with the information needed to build interoperable networked platforms and devices for the digital home.

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DIGITAL LIVING NETWORK ALLIANCE (DLNA) HOME NETWORKED DEVICE INTEROPERABILITY GUIDELINES –

Part 4: DRM interoperability solutions

1   Scope

This part of IEC 62481 specifies DLNA guidelines for DRM interoperability.

The set of guidelines in this part of IEC 62481 are based on DLNA DRM Interoperability Solutions (DIS), which are defined as methods to enable the secure transfer and use of protected commercial content among different implementations on network media devices. This content could be protected by different content protection technologies. In this standard they are referred to as DRMs.

The guidelines are not intended to replace or disable other interoperability mechanisms that could already be in place, e.g. DLNA Link Protection guidelines stated in IEC 62481-3 or mechanisms provided by underlying DRMs.

2   Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62481-1:2013, *Digital Living Network Alliance (DLNA) home networked device interoperability guidelines – Part 1: Architecture and protocols*

IEC 62481-2:2013, *Digital Living Network Alliance (DLNA) home networked device interoperability guidelines – Part 2: DLNA media formats*

IEC 62481-3:2013, *Digital Living Network Alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection*

ISO/IEC 29341-3-12, *Information technology – UPnP Device Architecture – Part 3-12: Audio Video Device Control Protocol – Content Directory Service*

DTCP Volume 1 (informational version), *Digital Transmission Content Protection Specification Volume 1,* Revision 1.51: October 1, 2007
http://www.dtcp.com/data/info 20071001 DTCP V1 1p51.pdf

DTCP Volume 1 Supplement E (Informational Version), *Mapping DTCP to IP,* Revision 1.2: June 15,2007
http://www.dtcp.com/data/info 20070615 DTCP V1SE 1p2.pdf

DTCP Adopter Agreement, *Digital Transmission Content Protection License Agreement, DTLA*, June 30,2007
http://www.dtcp.com/