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Standards

Irish Standard
I.S. EN 62481-4:2014

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

I.S. EN 62481-4:2014

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English Version

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

Directives d'Interopérabilité 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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Europäisches Komitee für Elektrotechnische Normung

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

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
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Annex ZA (normative)

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NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

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| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|----------------------------|-------------|--|--------------|-------------|
| 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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Edition 1.0 2014-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**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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Edition 1.0 2014-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**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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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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.

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- withdrawn,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

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

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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/>

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