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Irish Standard  
I.S. EN 62481-5:2014

# Digital living network alliance (DLNA) home networked device interoperability guidelines - - Part 5: DLNA Device Profile guidelines

**I.S. EN 62481-5:2014**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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EUROPEAN STANDARD

**EN 62481-5**

NORME EUROPÉENNE

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English version

**Digital living network alliance (DLNA) home networked device  
interoperability guidelines -  
Part 5: DLNA Device Profile guidelines  
(IEC 62481-5:2013)**

Lignes directrices pour l'interopérabilité  
des dispositifs domestiques DLNA (Digital  
Living Network Alliance) -  
Partie 5: Directives sur les profils des  
appareils DLNA  
(CEI 62481-5:2013)

Digital living network alliance (DLNA)  
Interoperabilitäts-Richtlinien für Geräte im  
Heimnetzwerk -  
Teil 5: DLNA Geräteprofil-Richtlinien  
(IEC 62481-5:2013)

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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**

## **Foreword**

The text of document 100/1996/CDV, future edition 1 of IEC 62481-5, 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 62481-5:2014.

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) 2014-08-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-11-27

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## Annex ZA (normative)

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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 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>
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

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**IEC 62481-5**

Edition 1.0 2013-10

# **INTERNATIONAL STANDARD**

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**Digital living network alliance (DLNA) home networked device interoperability  
guidelines –  
Part 5: DLNA Device Profile guidelines**





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**IEC 62481-5**

Edition 1.0 2013-10

# INTERNATIONAL STANDARD

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**Digital living network alliance (DLNA) home networked device interoperability  
guidelines –  
Part 5: DLNA Device Profile guidelines**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

PRICE CODE

**K**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**DIGITAL LIVING NETWORK ALLIANCE (DLNA) HOME  
NETWORKED DEVICE INTEROPERABILITY GUIDELINES –**
**Part 5: DLNA Device Profile guidelines****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:

CDV	Report on voting
100/1996/CDV	100/2084/RVC

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.

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

## INTRODUCTION

This International Standard is structured differently from the other parts of the IEC 62841 series of standards, to allow each DLNA Device Profile to be a standalone clause.

Clauses 1 through 5 align with the overall structure of IEC 62481-1:2013 and IEC 62481-2:2013, Clauses 1 to 7. However, only the generic guidelines description of IEC 62481-2:2013, Clause 7 applies.

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

## Part 5: DLNA Device Profile guidelines

### 1 Scope

This part of IEC 62481 specifies guidelines that define various DLNA Device Profiles. A Device Profile is a collection of DLNA capabilities and features within a DLNA device. A device is compliant with a Device Profile, when it conforms to all the guidelines listed for that Device Profile.

In practice, Device Profiles reference existing optional or recommended DLNA guidelines, that enable certain features, and make those DLNA guidelines mandatory within the context of a Device Profile. A Device Profile may also provide some additional guidelines that complement or modify existing DLNA guidelines for a feature.

A particular type of the DLNA Device Profile is the Commercial Video Profile (CVP). A CVP Device Profile is an extension of the DLNA guidelines that allows content from service providers and multichannel video programming distributors to be distributed on the DLNA network. DLNA Commercial Video Profiles (CVPs) are defined as Device Profiles that consistently enable commercial content that enters the home network through a gateway device via an interface to a commercial content service provider. Since different regions of the world have different requirements for commercial content, multiple CVPs are defined.

### 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: DNLA media formats*

IEC 62481-3:2013, *Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection*

### 3 Terms, definitions and abbreviated terms

For the purposes of this document, the terms and definitions, symbols and abbreviations given in IEC 69481-1, as well as the following apply.

#### 3.1 Terms and definitions

##### 3.1.1

##### **Device Profile**

collection of DLNA capabilities and features within a DLNA device

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