

STN	Konfigurácia multimediálnej domácej siete. Základný referenčný model. Model systému.	STN EN 62608-1 36 8070
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/15

Obsahuje: EN 62608-1:2014, IEC 62608-1:2014

119936

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy
rozmnžovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62608-1

May 2014

ICS 33.160.60

English Version

**Multimedia home network configuration - Basic Reference model
- Part 1: System model
(IEC 62608-1:2014)**

Configuration de réseau domestique multimédia - Modèle
de référence de base - Partie 1: Modèle de système
(CEI 62608-1:2014)

Multimedia-Systeme und -geräte - Multimedia-
Heimnetzkonfiguration - Teil 1: Systemmodell
(IEC 62608-1:2014)

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Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 100/2111/CDV, future edition 1 of IEC 62608-1, prepared by IEC/TC 100, "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62608-1:2014.

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) 2015-01-11
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IEC 62481-1	NOTE	Harmonised as EN 62481-1.
IEC 62481-2	NOTE	Harmonised as EN 62481-2.
IEC 62481-3	NOTE	Harmonised as EN 62481-3.
IEC 62514	NOTE	Harmonised as EN 62514.

Annex ZA

(normative)

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here:

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO/IEC 7498-1	1994	Information technology - Open Systems Interconnection - Basic Reference Model: The Basic Model	-	-



IEC 62608-1

Edition 1.0 2014-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Multimedia home network configuration – Basic reference model –
Part 1: System model**

**Configuration de réseau domestique multimédia – Modèle de référence
de base –
Partie 1: Modèle de système**



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INTERNATIONAL
ELECTROTECHNICAL
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COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX

K

ICS 33.110; 33.160.60

ISBN 978-2-8322-1454-1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MULTIMEDIA HOME NETWORK CONFIGURATION –
BASIC REFERENCE MODEL –****Part 1: System model**

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International Standard IEC 62608-1 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:

CDV	Report on voting
100/2111/CDV	100/2183/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.

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INTRODUCTION

As well as electronic power, network connectivity is necessary in order to use electronic devices at home. Some applications running on the devices do not work without an inside and outside network.

When a device connects to a home network, an appropriate network service needs to already be in place. Since network connections are a precondition of many applications, such as IEC 62481-1, IEC 62481-2 and IEC 6248-3, a digital living network alliance (DLNA) network management function is necessary.

Sometimes applications need to change the configuration of another device, gateway, and so on. Since it is too difficult to change the configuration of a device manually, an automatic configuration mechanism is needed for the home network. IEC 62514 defines the functions of a multimedia home gateway. This standard complements the multimedia home gateway by enabling to establish network connections automatically.

MULTIMEDIA HOME NETWORK CONFIGURATION – BASIC REFERENCE MODEL –

Part 1: System model

1 Scope

This part of IEC 62608 specifies the basic reference model to configure devices connected to a home network with a configuration framework for network applications running on such devices.

This part of IEC 62608 applies to devices that are connected via cables and switched on and that support the IP protocol. The reference model covers inside and outside network connectivity.

This standard specifies the system model and functions that each component should support.

2 Normative reference

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