



# SLOVENSKI STANDARD

## SIST EN 60461:2011

01-julij-2011

Nadomešča:  
SIST EN 60461:2005

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### Časovni in krmilni kod (IEC 60461:2010)

Time and control code (IEC 60461:2010)

Zeit- und Steuercode (IEC 60461:2010)

Code temporel et de pilotage (CEI 60461:2010)

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**Ta slovenski standard je istoveten z: EN 60461:2011**

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### **ICS:**

33.160.40	Video sistemi	Video systems
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<b>SIST EN 60461:2011</b>	<b>en</b>
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60461**

March 2011

ICS 33.160.40; 33.170

Supersedes EN 60461:2001

English version

**Time and control code**  
(IEC 60461:2010)

Code temporel et de pilotage  
(CEI 60461:2010)

Zeit- und Steuercode  
(IEC 60461:2010)

This European Standard was approved by CENELEC on 2011-01-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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 Central Secretariat 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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 100/1515/CDV, future edition 4 of IEC 60461 prepared by Technical Area 6, Professional electronics storage media, data structures and equipment, 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 60461 on 2011-01-02.

This European Standard supersedes EN 60461:2001.

EN 60461:2011 includes the following significant change with regard to EN 60461:2001: The time code for progressive television systems with a frame rate greater than 30 frames per second is added.

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

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2011-10-02
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2014-01-02

Annex ZA has been added by CENELEC.

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## Endorsement notice

SIST EN 60461:2011

The text of the International Standard IEC 60461:2010 was approved by CENELEC as a European Standard without any modification. 42b22e94e5a0/sist-en-60461-2011

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61169-8:2007      NOTE Harmonized as EN 61169-8:2007 (not modified).

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## 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/IEC 646	1991	Information technology - ISO 7-bit coded character set for information interchange	-	-
ISO/IEC 2022	1994	Information technology - Character code structure and extension techniques	-	-
ITU-R BT.1700	2005	Characteristics of composite video signals for conventional analogue television systems	-	-
SMPTE 170M	2004	Television - Composite Analog Video Signal - NTSC for Studio Applications	-	-
SMPTE 258M	1993	Television - Transfer of Edit Decision Lists	-	-
SMPTE 262M	1995	Television, Audio and Film - Binary Groups of Time and Control Codes - Storage and Transmission of Data	-	-
SMPTE 309M	1999	Television - Transmission of Date and Time Zone Information in Binary Groups of Time and Control Code	-	-

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IEC 60461

Edition 4.0 2010-03

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

PRICE CODE



ICS 33.160.40; 33.170

ISBN 978-2-88910-197-9

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## TIME AND CONTROL CODE

## FOREWORD

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International Standard IEC 60461 has been prepared by technical area 6: Professional electronics storage media, data structures and equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This fourth edition cancels and replaces the third edition published in 2001, of which it constitutes a technical revision.

It includes the following significant change with regard to the previous edition: The time code for progressive television systems with a frame rate greater than 30 frames per second is added.

The text of this standard is based on the following documents:

CDV	Report on voting
100/1515/CDV	100/1616/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.

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.

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