
Video sistemi (625/50 progresivno) – Video in spremljajoči podatki, ki uporabljajo navpični zatemnilni interval – Analogni vmesnik (IEC 62375:2004) (istoveten EN 62375:2004)

Video systems (625/50 progressive) – Video and accompanied data using the vertical blanking interval – Analogue interface (IEC 62375:2004)

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EUROPEAN STANDARD

EN 62375

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2004

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English version

**Video systems (625/50 progressive) –
Video and accompanied data using the vertical blanking interval -
Analogue interface
(IEC 62375:2004)**

Systèmes vidéo (625/50 progressif) -
Données vidéo et associées utilisant
l'intervalle de suppression de trame -
Interface analogique
(CEI 62375:2004)

Videosysteme (625/50 ohne
Zeilensprung) –
Video und Zusatzdaten in der vertikalen
Austastlücke –
Analoges Interface
(IEC 62375:2004)

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This European Standard was approved by CENELEC on 2004-09-01. 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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of the International Standard IEC 62375:2004, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the formal vote and was approved by CENELEC as EN 62375 on 2004-09-01 without any modification.

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) 2005-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62375:2004 was approved by CENELEC as a European Standard without any modification.

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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 Where 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>
ITU-R BT.1358	1998	Studio parameters of 625 and 525 line progressive scan television systems	-	-

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INTERNATIONAL STANDARD

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Video systems (625/50 progressive) – Video and accompanied data using the vertical blanking interval – Analogue interface

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**VIDEO SYSTEMS (625/50 PROGRESSIVE) –
VIDEO AND ACCOMPANIED DATA USING THE VERTICAL
BLANKING INTERVAL – ANALOGUE INTERFACE**

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International Standard IEC 62375 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
100/689/CDV	100/754/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 2006. At this date, the publication will be

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

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

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VIDEO SYSTEMS (625/50 PROGRESSIVE) – VIDEO AND ACCOMPANIED DATA USING THE VERTICAL BLANKING INTERVAL – ANALOGUE INTERFACE

1 Scope

This International Standard specifies the method of transfer of aspect ratio information code, copy control information code and other codes in the vertical blanking interval of the luminance signal.

This International Standard is applicable to the transfer of video related information with the video signal through the baseband analogue signal of 625-line/50-frame progressive scan video system between digital and analogue video equipments.

2 Normative references

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.

ITU-R BT.1358: *Studio parameters of 625 and 525 line progressive scan television systems*

3 Terms, definitions, symbols and abbreviated terms

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3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1.1

letterbox

picture display format to display a picture with an aspect ratio greater than the screen, in such a way that empty (black) lines are added to conform to the screen

3.1.2

full format

picture display format with full screen size conforming to its scanning format

3.1.3

CGMS-A

copy generation management system on analogue video interface, for use in digital video recorders and digital video equipments

3.2 Symbols and abbreviated terms

0_h	falling sync edge
a	aspect ratio
F_S	clock frequency
LSB	Least Significant Bit
MSB	Most Significant Bit
NRZ	Non-Return-to-Zero
T_d	data bit period
T_s	sampling period