SLOVENSKI STANDARD
SIST EN 61834-2:2005

01-januar-2005

Snemanje - Digitalni videokasetni snemalni sistem z zapisovanjem s poševnimi sledmi na magnetnem traku, širokem 6,35 mm, za splošno uporabo (sistemi 525-60, 625-50, 1125-60 in 1250-50) – 2. del: Format SD za sistema 525-60 in 625-50 (IEC 61834-2:1998)

Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) -- Part 2: SD format for 525-60 and 625-50 systems

Aufzeichnung - Videokassettensystem mit digitaler Schrägspuraufzeichnung auf Magnetband 6,35 mm für den Heimgebrauch (Systeme 525-60, 625-50, 1125-60 und 1250-50) -- Teil 2: SD-Format für die Systeme 525-60 und 625-50

Enregistrement - Système de magnétoscope numérique à cassette à balayage hélicoïdal utilisant la bande magnétique de 6,35 mm, destiné au grand public (systèmes 525-60, 625-50, 1125-60 et 1250-50) -- Partie 2: Format SD pour les systèmes 525-60 et 625-50

Ta slovenski standard je istoveten z: **EN 61834-2:1998**

ICS:

33.160.40	Video sistemi	Video systems

SIST EN 61834-2:2005 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61834-2

October 1998

ICS 33.160.01

Descriptors: Video equipment, digital technics, magnetoscopes, video recording, sound recording, cassettes for magnetic tapes, magnetic tapes, recording characteristics, dimensions, position (location), interfaces, signal processing, acoustic signals, video signals, data

English version

Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) Part 2: SD format for 525-60 and 625-50 systems (IEC 61834-2:1998)

Enregistrement - Système de magnétoscope numérique à cassette à balayage hélicoïdal utilisant la bande magnétique de 6,35 mm, destiné au grand public (systèmes 525-60, 625-50, 1125-60 et 1250-50) Partie 2: Format SD pour les systèmes 525-60 et 625-50 (CEI 61834-2:1998)

Aufzeichnung - Videokassettensystem mit digitaler Schrägspuraufzeichnung auf Magnetband 6,35 mm für den Heimgebrauch (Systeme 525-60, 625-50, 1125-60 und 1250-50) Teil 2: SD-Format für die Systeme 525-60 und 625-50 (IEC 61834-2:1998)

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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 document 100B/168/FDIS, future edition 1 of IEC 61834-2, prepared by SC 100B, Recording, 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 61834-2 on 1998-10-01.

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) 1999-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexes A, B and ZA are normative and annexes C and D are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61834-2:1998 was approved by CENELEC as a European Standard without any modification.

In the official version, for annex D, Bibliography, the following notes have to be added for the standards indicated:

IEC 61883-1 NOTE: Harmonized as EN 61883-1:1998 (not modified).

IEC 61883-2 NOTE: Harmonized as EN 61883-2:1998 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60461	1986	Time and control code for video tape recorders	HD 507 S1	1988
IEC 60735	1991	Measuring methods for video tape properties	EN 60735	1991
IEC 60958	1989	Digital audio interface	EN 60958	1990
ITU-R Recommendation BT 601-5	1995	Studio encoding parameters of digital television for standard 4:3 and wide screen 16:9 aspect ratios	-	-
ITU-R Report 624-4	1990	Characteristics of television systems	-	-

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
61834-2

Première édition
First edition
1998-08

Enregistrement –

Système de magnétoscope numérique à cassette à balayage hélicoïdal utilisant la bande magnétique de 6,35 mm, destiné au grand public (systèmes 525-60, 625-50, 1125-60 et 1250-50) –

Partie 2:
Format SD pour les systèmes 525-60 et 625-50

Recording –

Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) –

Part 2:
SD format for 525-60 and 625-50 systems

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IEC
Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RECORDING – HELICAL-SCAN DIGITAL VIDEO CASSETTE RECORDING SYSTEM USING 6,35 mm MAGNETIC TAPE FOR CONSUMER USE (525-60, 625-50, 1125-60 and 1250-50 systems) –

Part 2: SD format for 525-60 and 625-50 systems

FOREWORD

1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61834-2 has been prepared by subcommittee 100B: Audio, video and multimedia information storage systems, of 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
100B/168/FDIS	100B/180/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.

IEC 61834 consists of the following parts, under the general title *Recording – Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1225-60 and 1250-50 systems)*

- Part 1:1998, General specifications
- Part 2: SD format for 525-60 and 625-50 systems
- Part 3: HD format for 1125-60 and 1250-50 systems [1)]
- Part 4: The pack header table and the contents
- Part 5: The character information system

[1)] To be published.

This part 2 describes the specifications for 525-60 and 625-50 systems which are not included in part 1.

Part 1 describes the common specifications which are cassettes, helical recordings, modulation method, magnetization and basic system data.

Part 3 describes the specifications for 1125-60 and 1250-50 systems which are not included in part 1 and part 2.

Part 4 describes the pack header table and the contents of packs which are applicable to the whole recording system of helical-scan digital video cassette.

Part 5 describes the character information system which is applicable to the whole recording system of helical-scan digital video cassette.

For manufacturing SD digital video cassette recording systems, part 1, part 2, part 4 and part 5 are referred to.

For manufacturing HD digital video cassette recording systems, part 1, part 2, part 3, part 4 and part 5 are referred to.

Annexes A and B form an integral part of this standard.

Annexes C and D are for information only.