



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61835:1999

ICS 33.160.40

**HELICAN-SCAN DIGITAL COMPONENT VIDEO
CASSETTE RECORDING SYSTEM USING 12,65
MM (0,5 IN) MAGNETIC TAPE - FORMAT D-5
(IEC 61835:1998)**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
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EUROPEAN STANDARD
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Descriptors: Recording apparatus, digital recording, magnetoscopes, cassettes for magnetic tapes, magnetic tapes, dimensions, recording characteristics, data blocks, recording tracks, codification, video signals, acoustic signals, electrical properties, mechanical properties, interchangeability

English version

**Helican-scan digital component video cassette recording system using
12,65 mm (0,5 in) magnetic tape - Format D-5
(IEC 61835:1998)**

Système de magnétoscope numérique à
composantes à cassette à balayage
hélicoïdal sur bande magnétique de
12,65 mm (0,5 in) - Format D-5
(CEI 61835:1998)

Videokassettensystem mit
Schrägschraufzeichnung digitaler
Komponenten-Signale auf Magnetband
12,65 mm (0,5 in) - D5-Format
(IEC 61835:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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.

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

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

Foreword

The text of document 100B/166/FDIS, future edition 1 of IEC 61835, 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 61835 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, C and ZA are normative and annexes D, E and F are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61835:1998 was approved by CENELEC as a European Standard without any modification.

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

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|-----------|---|
| IEC 60735 | NOTE: Harmonized as EN 60735:1991 (not modified). |
| IEC 61327 | NOTE: Harmonized as EN 61327:1995 (not modified). |
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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60461	1986	Time and control code for video tape recorders	HD 507 S1	1988
IEC 60958	1989	Digital audio interface	EN 60958	1990
IEC 61179	1993	Helical-scan digital composite video cassette recording system using 19 mm magnetic tape, format D2 (NTSC, PAL, PAL-M)	EN 61179	1993
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 Recommendation 656-3	1995	Interfaces for digital component video signals in 525-line and 625-line television systems operating at the 4:2:2 level of Recommendation ITU-R BT.601	-	-

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