

**01-julij-2011**

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**Snemanje - Digitalni videokasetni snemalni sistem z zapisovanjem s poševnimi sledmi na magnetni trak s širino 6,35 mm za potrošniško uporabo (sistemi 525-60, 625-50, 1125-60 in 1250-50) - 4. del: Tabela in vsebina glave paketa (IEC 61834-4:1998/A1:2010)**

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 4: Pack header table and contents (IEC 61834-4:1998/A1:2010)

**iTeh STANDARD PREVIEW**

Aufzeichnung - Videokassetten-system mit digitaler Schrägspuraufzeichnung auf Magnetband 6,35 mm für den Heimgebrauch (Systeme 525-60, 625-50, 1125-60 und 1250-50) - Teil 4: Datenpakete - Übersicht und Inhalt (IEC 61834-4:1998/A1:2010)

<https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011>

Enregistrement - Système d'enregistrement numérique grand public vidéo à cassette à balayage hélicoïdal pour la bande magnétique de 6,35 mm (systèmes 525-60, 625-50, 1125-60 et 1250-50) - Partie 4: Tableaux des paquets en-tête et leur contenu (CEI 61834-4:1998/A1:2010)

**Ta slovenski standard je istoveten z: EN 61834-4:1998/A1:2011**

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**ICS:**

33.160.40      Video sistemi                      Video systems

**SIST EN 61834-4:1999/A1:2011**                      en

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[SIST EN 61834-4:1999/A1:2011](https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011)

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61834-4/A1**

February 2011

ICS 33.160.01; 35.200

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 4: Pack header table and contents  
(IEC 61834-4:1998/A1:2010)**

Enregistrement -  
Système d'enregistrement numérique  
grand public vidéo à cassette à balayage  
hélicoïdal pour la bande magnétique de  
6,35 mm (systèmes 525-60, 625-50, 1125-  
60 et 1250-50 -  
Partie 4: Tableaux des paquets en-tête et  
leur contenu  
(CEI 61834-4:1998/A1:2010)

Aufzeichnung -  
Videokassettensystem mit digitaler  
Schrägspuraufzeichnung auf Magnetband  
6,35 mm für den Heimgebrauch (Systeme  
525-60, 625-50, 1125-60 und 1250-50) -  
Teil 4: Datenpakete -  
Übersicht und Inhalt  
(IEC 61834-4:1998/A1:2010)

[SIST EN 61834-4:1999/A1:2011](https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-32b9b-26615c19-61834-4)

[https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-](https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-32b9b-26615c19-61834-4)

This amendment A1 modifies the European Standard EN 61834-4:1998; it 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 amendment 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 amendment 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.

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

**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 amendment 1:2010 to the International Standard IEC 61834-4:1998, prepared by technical area 7, Consumer electronics storage and related applications, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the formal vote and was approved by CENELEC as amendment A1 to EN 61834-4:1998 on 2011-01-02 without any modification.

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 amendment 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 amendment have to be withdrawn (dow) 2014-01-02

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of amendment 1:2010 to the International Standard IEC 61834-4:1998 was approved by CENELEC as an amendment to the European Standard without any modification.

SIST EN 61834-4:1999/A1:2011

<https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011>

## 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.

*Insert, before IEC 61880, the following new references:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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	EN 61834-2	1998
IEC 61834-11	2008	Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1125-50 systems) - Part 11: HDV format for 1080i and 720p systems	EN 61834-11	2008
ETS 300 468	-	Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems	-	-

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[SIST EN 61834-4:1999/A1:2011](https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011)

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IEC 61834-4

Edition 1.0 2010-05

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

Recording – **iTeh STANDARD PREVIEW**  
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 4: Pack header table and contents

<https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011>  
Enregistrement –  
Système d'enregistrement numérique grand public vidéo à cassette à balayage  
hélicoïdal pour la bande magnétique de 6,35 mm (systèmes 525-60, 625-50,  
1125-60 et 1250-50) –  
Partie 4: Tableaux des paquets en-tête et leur contenu

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

PRICE CODE  
CODE PRIX

S

ICS 33.160.01, 35.200

ISBN 978-2-88910-919-7

## FOREWORD

This amendment has been prepared by technical area 7: Consumer electronics storage media, data structures and equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

CDV	Report on voting
100/1552/CDV	100/1628/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The French version of this Amendment has not been voted upon.

The committee has decided that the contents of this amendment and the base 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.

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~~SIST EN 61834-4:1999/A1:2011~~

<https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011>

### 1.2 Normative references

*Insert, before IEC 61880, the following new references:*

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*

IEC 61834-11:2008, *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 11: HDV format for 1080i and 720p systems*

ETS 300 468, *Specification for Service Information (SI) in DVB systems*



## 2 Pack header table

Replace the entire Table 1 by the following new Table 1:

**Table 1 – Pack header table**

UPPER LOWER	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010 to 1110	1111 SOFT MODE
	CONTROL	TITLE	CHAPTER	PART	PROGRAM	AAUX	VAUX	CAMERA	LINE	MPEG		
0000	CASSETTE ID	TOTAL TIME	TOTAL TIME	TOTAL TIME	TOTAL TIME	SOURCE	SOURCE	CONSUMER CAMERA 1	LINE HEADER	SOURCE		MAKER CODE
0001	TAPE LENGTH	REMAIN TIME	REMAIN TIME	REMAIN TIME	REMAIN TIME	SOURCE CONTROL	SOURCE CONTROL	CONSUMER CAMERA 2	Y	SOURCE CONTROL		OPTION
0010	TIMER ACT DATA	CHAPTER TOTAL NO	CHAPTER NO.	PART NO.	REC D TIME	REC DATE	REC DATE	RSV	CR	REC DATE		OPTION
0011	TIMER ACT S/S	TIME CODE	TITLE CODE	TITLE CODE	TITLE CODE	REC TIME	REC TIME	LENS	CB	REC TIME		OPTION
0100	PR START POINT	BINARY GROUP	BINARY GROUP	BINARY GROUP	BINARY GROUP	BINARY GROUP	BINARY GROUP	GAIN	RSV	BINARY GROUP		OPTION
0101	PR START POINT	CASSETTE NO.	RSV	RSV	RSV	CLOSED CAPTION	CLOSED CAPTION	PEDESTAL	RSV	STREAM		OPTION
0110	TAG ID NO / GENRE	SOFT ID	RSV	RSV	RSV	TR	TR	GAMMA	RSV	RSV		OPTION
0111	TOPIC / PAGE HEADER	SOFT ID	RSV	RSV	RSV	RSV	TELE TEXT	DETAIL	RSV	ETN		OPTION
1000	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER	TEXT HEADER		OPTION
1001	TEXT	TEXT	TEXT	TEXT	TEXT	TEXT	TEXT	TEXT	TEXT	TEXT		OPTION
1010	TAG	TITLE START	CHAPTER START	PART START	PROGRAM START	AAUX START	VAUX START	RSV	LINE START	SERVICE START		OPTION
1011	TAG	TITLE START	CHAPTER START	PART START	PROGRAM START	AAUX START	VAUX START	CAMERA PRESET	LINE START	SERVICE START		OPTION
1100	TELETEXT INFO	REEL ID	RSV	RSV	RSV	RSV	MARINE / MOUNTAIN	FLARE	RSV	RSV		OPTION
1101	KEY	REEL ID	RSV	RSV	RSV	RSV	LONGITUDE / LATITUDE	SHADING	RSV	RSV		OPTION
1110	ZONE END	TITLE END	CHAPTER END	PART END	PROGRAM END	AAUX END	VAUX END	KNEE	LINE END	SERVICE END		OPTION
1111	ZONE END	TITLE END	CHAPTER END	PART END	PROGRAM END	AAUX END	VAUX END	SHUTTER	LINE END	SERVICE END		OPTION



AAUX main area



MIC main area



VAUX main area



MPEG main area



Subcode main area

Add, after Subclause 12.16, the following new Clause 13:

## 13 MPEG

MPEG 0

### 13.1 SOURCE

	MSB				LSB			
PC 0	1	0	0	1	0	0	0	0
PC 1	SERVICE ID							
PC 2								
PC 3	SOURCE CODE		50/60	STYPE				
PC 4	TUNER CATEGORY							

This pack shall be recorded at least in the VAUX main area.

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#### SERVICE ID

In the case of single programme recording, SERVICE ID is the same as the program\_number in the corresponding program\_map\_section (PMT).

#### SOURCE CODE

<https://standards.iteh.ai/catalog/standards/sist/e0295557-1fbc-4861-abf1-2cb4eb4366d5/sist-en-61834-4-1999-a1-2011>

SOURCE CODE defines the input source of bit stream data in combination with SERVICE ID and TUNER CATEGORY, as follows.

SOURCE CODE	SERVICE ID	TUNER CATEGORY	Input source
0 0	0001h to FFFFh	FFh	Camera
0 1	0001h to FFFFh	FFh	Line
1 0	0001h to FFFFh	FFh	Cable
1 1	0001h to FFFFh	Prescribed value	Tuner
1 1	0000h	FFh	Pre-recorded tape
1 1	FFFFh	FFh	No information

#### 50/60

0 = 60-field system

1 = 50-field system

**STYPE**

STYPE defines a signal type of input signal in combination with the 50/60 flag as follows.

STYPE	50/60	
	0	1
00000	Not used	
00001	Reserved	
00010	Not used	
00011	Reserved	
00100	MPEG2-TS (25 Mbps mode)	
00101	MPEG2-TS (12,5 Mbps mode)	
00110	MPEG2-TS (6,25 Mbps mode)	
00111   11111	Reserved	

**TUNER CATEGORY:**

TUNER CATEGORY consists of the area number and the satellite number as follows.  
TUNER CATEGORY = FFh is indicative of no information.

**Area number specification**

Area number	Region	Area
0 0 0	Region 1	Europe, Africa
0 0 1		
0 1 0	Region 2	North America, South America
0 1 1		
1 0 0		
1 0 1	Region 3	Asia, Oceania
1 1 0		
1 1 1		