

INTERNATIONAL STANDARD

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Video recording – 12,65 mm TYPE D-11 format –

Part 1: Tape recording

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**VIDEO RECORDING –
12,65 mm TYPE D-11 FORMAT –**
Part 1: Tape recording**FOREWORD**

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International Standard IEC 62356-1 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment

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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 2008-11. At this date, the publication will be

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- withdrawn;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

VIDEO RECORDING – 12,65 mm TYPE D-11 FORMAT –

Part 1: Tape recording

1 Scope

This International Standard specifies the format for the recording of Type D-11 compressed pictures, four channels of AES3 data and associated data which form helical records on 12,65 mm tape in cassettes. This standard also defines the helical track record parameters, the content and format of the longitudinal records and the cassette physical specifications.

The recording format supports frame frequencies of 30/1,001 Hz, 25 Hz, 24 Hz and 24/1,001 Hz.

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.

IEC 61213:1993, *Analogue audio recording on video tape – Polarity of magnetization*

IEC 61237-1:1994, *Broadcast video tape recorders – Methods of measurement – Part 1: Mechanical measurements*

IEC 62356-2, *Video recording – 12,65 mm type D-11 format – Part 2: Picture compression and data stream*¹

IEC 62356-3, *Video recording – 12,65 mm type D-11 format – Part 3: Data mapping over SDTI*¹

ITU-R Recommendation BT.709:2004, *Parameter values for the HDTV* standard for production and international program exchange*

SMPTE 12M:1999, *Television – Audio and Film – Time and Control Code*

SMPTE 292M:1998, *Bit-Serial Digital Interface for High-Definition Television Systems*

SMPTE 276M:1995, *Transmission of AES-EBU Digital Audio Signals Over Coaxial Cable*

AES3-1992, *Serial transmission format for two-channel linearly represented digital audio data*

¹ To be published.