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**Information technology — Multimedia  
application format (MPEG-A) —**

**Part 10:  
Surveillance application format**

*Technologie de l'information — Format pour application multimédia  
(MPEG-A) —*

*Partie 10: Format pour application à la surveillance*



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## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 23000-10 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This second edition cancels and replaces the first edition (ISO/IEC 23000-10:2009) and ISO/IEC 23000-10:2009/Amd 1:2010.

ISO/IEC 23000 consists of the following parts, under the general title *Information technology — Multimedia application format (MPEG-A)*:

- *Part 1: Purpose for multimedia application formats* [Technical Report]
- *Part 2: MPEG music player application format*
- *Part 3: MPEG photo player application format*
- *Part 4: Musical slide show application format*
- *Part 5: Media streaming application format*
- *Part 6: Professional archival application format*
- *Part 7: Open access application format*
- *Part 8: Portable video application format*
- *Part 9: Digital Multimedia Broadcasting application format*
- *Part 10: Surveillance application format*
- *Part 11: Stereoscopic video application format*
- *Part 12: Interactive music application format*

## Introduction

This part of ISO/IEC 23000 specifies a file format to enable interoperability for surveillance systems. Features are supported required by wide spread used surveillance systems installations. In the 2<sup>nd</sup> edition support for audio features has been added, optionally described metadata have been removed and the support for video significantly extended.



# Information technology — Multimedia application format (MPEG-A) —

## Part 10: Surveillance application format

### 1 Scope

This part of ISO/IEC 23000 specifies a file format designed to provide for a first level of interoperability for surveillance systems. The file format provides the overall structure for storing media content and associated metadata.

### 2 Normative references

The following documents, in whole or in part, 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.

ISO/IEC 9834-8:2005, *Information technology – Open Systems Interconnection – Procedures for the operation of OSI Registration Authorities: Generation and registration of Universally Unique Identifiers (UUIDs) and their use as ASN.1 Object Identifier component*

ISO/IEC 14496-10, *Information technology — Coding of audio-visual objects — Part 10: Advanced Video Coding*

ISO/IEC 14496-12:2008, *Information technology — Coding of audio-visual objects — Part 12: ISO base media file format*

ISO/IEC 14496-14:2003, *Information technology — Coding of audio-visual objects — Part 14: MP4 file format*

ISO/IEC 14496-15:2010, *Information technology — Coding of audio-visual objects — Part 15: Advanced Video Coding (AVC) file format*

W3C Recommendation, *XML Schema Part 2: Datatypes Second Edition, 28 October 2004*