



MALAYSIAN STANDARD

MS ISO/IEC 13818-6:2009
(CONFIRMED:2015)

Information technology - Generic coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC (ISO/IEC 13818-6:1998, AMD. 1:2000, AMD. 1:2000 - COR. 1:2002, AMD. 2:2000, AMD. 3:2001, COR. 1:1999, COR. 2:2002, IDT)

ISO/IEC 13818-6:1998, Amendment 1:2000, Amendment 1:2000, Technical Corrigendum 1:2002, Amendment 2:2000, Amendment 3:2001, Technical Corrigendum 1:1999 and Technical Corrigendum 2:2002 are endorsed as Malaysian Standard with the reference number MS ISO/IEC 13818-6:2009.

ICS: 35.040

Descriptors: computer graphics, character sets and information coding

NOTE. This Malaysian Standard has been reviewed and confirmed as being current.

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The Industry Standards Committee on Information Technology, Telecommunication and Multimedia (ISC G) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

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The Technical Committee on Computer Graphics and Multimedia which recommended the adoption of the ISO/IEC Standard consists of representatives from the following organisations:

Celcom Berhad
Multimedia Development Corporation Sdn Bhd
Persatuan Industri Komputer dan Multimedia Malaysia
Radio Televisyen Malaysia
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Universiti Teknikal Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi MARA

MS ISO/IEC 13818-6:2009

NATIONAL FOREWORD

The adoption of the ISO/IEC Standard as a Malaysian Standard was recommended by the Technical Committee on Computer Graphics and Multimedia under the authority of the Industry Standards Committee on Information Technology, Telecommunication and Multimedia.

This Malaysian Standard is identical with ISO/IEC 13818-6:1998, *Information technology - Generic coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC*, including its Amendment 1:2000, Amendment 1:2000-Technical Corrigendum 1:2002, Amendment 2:2000, Amendment 3:2001, Technical Corrigendum 1:1999 and Technical Corrigendum 2:2002, published by the International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard" should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) reference to International Standards should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO/IEC 11172-3, <i>Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 3: Audio</i>	MS ISO/IEC 11172-3:2003, <i>Information technology - Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s - Part 3: Audio</i>

MS ISO/IEC 13818 consists of the following parts, under the general title *Information technology - Generic coding of moving pictures and associated audio information*:

Part 1: Systems

Part 2: Video

Part 3: Audio

Part 4: Conformance testing

Part 5: Software simulation [Technical report]

Part 6: Extensions for DSM-CC

Part 7: Advanced Audio Coding (AAC)

Part 9: Extension for real time interface for systems decoders

Part 10: Conformance extensions for Digital Storage Media Command and Control (DSM-CC)

Part 11: IPMP on MPEG-2 systems

NATIONAL FOREWORD *(continued)*

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NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.

**Information technology — Generic coding
of moving pictures and associated audio
information —**

**Part 6:
Extensions for DSM-CC**

*Technologies de l'information — Codage générique des images animées
et des informations sonores associées —*

Partie 6: Extensions pour DSM-CC

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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. 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.

International Standard ISO/IEC 13818-6 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

ISO/IEC 13818 consists of the following parts, under the general title *Information technology — Generic coding of moving pictures and associated audio information*:

- *Part 1: Systems*
- *Part 2: Video*
- *Part 3: Audio*
- *Part 4: Compliance testing*
- *Part 5: Software simulation*
- *Part 6: Extensions for DSM-CC*
- *Part 7: Advanced Audio Coding (AAC)*
- *Part 9: Extension for real time interface for systems decoders*
- *Part 10: Conformance extensions for DSM-CC*

Annex A forms an integral part of this part of ISO/IEC 13818. Annexes B to N are for information only.