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

Part 10:

**Conformance extensions for Digital Storage
Media Command and Control (DSM-CC)**

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

*Partie 10: Extensions de conformité pour commande et contrôle de
supports de mémoire numérique (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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 13818-10 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: Conformance 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 Digital Storage Media Command and Control (DSM-CC)*

Information technology – Generic coding of moving pictures and associated audio information –

Part 10:

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

1 Scope

This part of ISO/IEC 13818 defines compliance to Data Storage Media Command and Control (DSMCC) standard in 2 steps: the static review and the dynamic review as defined in ISO/IEC 9646 Conformance Testing standard [1, 2, 3]. The static review requirements are specified in clause 4 of this part of ISO/IEC 13818 in the form of Protocol Implementation Conformance Statement (PICS) proforma. The ATS used for dynamic review is described in clause 5.

This part of ISO/IEC 13818 does not specify all the requirements with which terminal equipment intended for use in conjunction with multimedia information retrieval services has to comply. In particular, this part of ISO/IEC 13818 does not specify (lower layer) protocols to be used to deliver/transport DSM-CC protocol data units. Neither does it specify requirements related to safety, protection, and electromagnetic compatibility (EMC) of the equipment, or regulatory requirements with which such equipment may be required to comply.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 13818. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 13818 are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

- [1] ISO/IEC 9646-1: Information technology - Open Systems Interconnection - Conformance testing methodology and framework – Part 1: General concepts.
- [2] ISO/IEC 9646-2: Information technology - Open Systems Interconnection - Conformance testing methodology and framework – Part 2: Abstract Test Suite Specification.
- [3] ISO/IEC 9646-7: Information technology - Open Systems Interconnection - Conformance testing methodology and framework – Part 7: Implementation Conformance Statements.
- [4] ISO/IEC 13818-6: Information technology - Generic coding of moving pictures and associated audio information – Part 6: Extensions for DSM-CC.