
**Information technology — Coding of
audio-visual objects —**

**Part 5:
Reference software**

**AMENDMENT 8: AVC fidelity range
extensions reference software**

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Technologies de l'information — Codage des objets audiovisuels —

Partie 5: Logiciel de référence

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*AMENDEMENT 8: Logiciel de référence pour extensions de plage de
fidélité AVC*

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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.

Amendment 8 to ISO/IEC 14496-5:2001 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This amendment provides reference encoding and decoding software for 14496-10 Advanced Video Coding. Included in this software is support for the fidelity range extensions (including the High, High 10, High 4:2:2 and High 4:4:4 profiles) as well as support for the prior design of 14496-10 (including the Baseline, Main, and Extended profiles). <https://standards.iteh.ai/catalog/standards/sist/91647b35-9bd0-4b8e-9a5d-661fb0c59e8e/iso-iec-14496-5-2001-amd-8-2006>

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Part 5: Reference software

AMENDMENT 8: AVC fidelity range extensions reference software

Add the following lines at the end of clause 4 “Visual reference software”:

video/natural/jm_10_1

AVC Joint Model (reference 10.1):
visual decoder in C
includes support of fidelity range extensions as
well as prior AVC profiles

Add the following lines at the end of clause A.2 “Visual encoding software”:

video/natural/jm_10_1

AVC Joint Model (reference 10.1):
visual encoder in C
includes support of fidelity range extensions as
well as prior AVC profiles

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Add the following Annex after Annex D:

Annex E (informative)

Patent statements

The International Organisation for Standardisation and International Electrotechnical Commission draw attention to the fact that it is claimed that conformance with this specification may involve the use of inventions covered by patent rights.

ISO and IEC take no position concerning the evidence, validity, and scope of these patent rights.

The following parties have informed ISO and IEC that they may hold patent rights relevant to this part of this International Standard, and have assured ISO and IEC that they are willing to negotiate licenses under reasonable and non-discriminatory terms and conditions with applicants throughout the world for patent rights necessary in order to manufacture, use, and/or sell implementations of this part of this International Standard.

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