Draft Revised ITU-T H.265 | ISO/IEC 23008-2 (V9)

High efficiency video coding

Summary

Recommendation ITU-T H.265 | International Standard ISO/IEC 23008-2 represents an evolution of the existing video coding Recommendations (ITU-T H.261, ITU-T H.262, ITU-T H.263 and ITU-T H.264) and was developed in response to the growing need for higher compression of moving pictures for various applications such as Internet streaming, communication, videoconferencing, digital storage media and television broadcasting. It is also designed to enable the use of the coded video representation in a flexible manner for a wide variety of network environments. The use of this Recommendation | International Standard allows motion video to be manipulated as a form of computer data and to be stored on various storage media, transmitted and received over existing and future networks and distributed on existing and future broadcasting channels.

This revision adds the specification of new levels (level 6.3, 7, 7.1, and 7.2), the specification of level 8.5 for the video profiles, and also includes corrections to various minor defects in the prior content of the Recommendation.

This Recommendation was developed jointly with ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*, and Rec. ITU-T H.265 is maintained as technically aligned twin text with ISO/IEC 23008-2. The technical changes in this edition were developed in a joint collaborative team with SC 29 in technical alignment with a not-yet-published edition of ISO/IEC 23008-2.

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