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ITU-T

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OF ITU

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TRANSMISSION OF NON-TELEPHONE SIGNALS

**INFORMATION TECHNOLOGY –
GENERIC CODING OF MOVING
PICTURES AND ASSOCIATED AUDIO
INFORMATION: VIDEO**

ITU-T Recommendation H.262

(Previously “CCITT Recommendation”)

FOREWORD

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC. The text of ITU-T Recommendation H.262 was approved on 10th of July 1995. The identical text is also published as ISO/IEC International Standard 13818-2.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Summary

This Recommendation | International Standard specifies coded representation of video data and the decoding process required to reconstruct pictures. It provides a generic video coding scheme which serves a wide range of applications, bit rates, picture resolutions and qualities. Its basic coding algorithm is a hybrid of motion compensated prediction and DCT. Pictures to be coded can be either interlaced or progressive. Necessary algorithmic elements are integrated into a single syntax, and a limited number of subsets are defined in terms of Profile (functionalities) and Level (parameters) to facilitate practical use of this generic video coding standard.

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