

First edition
1996-05-15

AMENDMENT 4
1999-03-01

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

AMENDMENT 4

*Technologies de l'information — Codage générique des images animées et
du son associé: Données vidéo*
AMENDEMENT 4

ISO/IEC 13818-2:1996/Amd 4:1999

<https://standards.iteh.ai/catalog/standards/sist/77bcf6b2-c8cd-4c7d-a4cf-5ceb1c0dd25d/iso-iec-13818-2-1996-amd-4-1999>



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.

Amendment 4 to ISO/IEC 13818-2:1996 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. H.262/Amd.4.

[ISO/IEC 13818-2:1996/Amd 4:1999](https://standards.iteh.ai/catalog/standards/sist/77bcf6b2-c8cd-4e7d-a4cf-5ceb1c0dd25d/iso-iec-13818-2-1996-amd-4-1999)

<https://standards.iteh.ai/catalog/standards/sist/77bcf6b2-c8cd-4e7d-a4cf-5ceb1c0dd25d/iso-iec-13818-2-1996-amd-4-1999>

© ISO/IEC 1999

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

ISO/IEC Copyright Office • Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

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

AMENDMENT 4

1) **Clause 2**

Insert the following text after the reference to Recommendation H.261:

- ITU-T Recommendation H.320 (1997), *Narrow-band visual telephone systems and terminal equipment.*

2) **Clause 6**

a) Replace Table 6-2 by:

Table 6-2 – extension_start_code_identifier codes

extension_start_code_identifier	Name
0000	Reserved
0001	Sequence Extension ID
0010	Sequence Display Extension ID
0011	Quant Matrix Extension ID
0100	Copyright Extension ID
0101	Sequence Scalable Extension ID
0110	Reserved
0111	Picture Display Extension ID
1000	Picture Coding Extension ID
1001	Picture Spatial Scalable Extension ID
1010	Picture Temporal Scalable Extension ID
1011	Camera Parameters Extension ID
1100	ITU-T extension ID
1101	Reserved
...	...
1111	Reserved

b) Replace 6.2.2.2.1 by:

6.2.2.2.1 Extension data

extension_data(i) {	No. of bits	Mnemonic
while (nextbits()== extension_start_code) {		
extension_start_code	32	bslbf
if (i == 0) { /* follows sequence_extension() */		
if (nextbits()== "Sequence Display Extension ID")		
sequence_display_extension()		
else if (nextbits()		
== "Sequence Scalable Extension ID")		
sequence_scalable_extension()		
}		
/* NOTE – i never takes the value 1 because extension_data()		
never follows a group_of_pictures_header() */		
if (i == 2) { /* follows picture_coding_extension() */		
if (nextbits() == "Quant Matrix Extension ID")		
quant_matrix_extension()		
else if (nextbits() == "Copyright Extension ID")		
copyright_extension()		
else if (nextbits() == "Picture Display Extension ID")		
picture_display_extension()		
else if (nextbits()		
== "Picture Spatial Scalable Extension ID")		
picture_spatial_scalable_extension()		
else if (nextbits()		
== "Picture Temporal Scalable Extension ID")		
picture_temporal_scalable_extension()		
else if (nextbits()		
== "Camera Parameters Extension ID")		
camera_parameters_extension()		
else if (nextbits()		
== "ITU-T Extension ID")		
ITU-T_extension()		
}		
}		

c) *Insert a new subclause 6.2.3.7.2:*

6.2.3.7.2 ITU-T extension

ITU-T_extension() {	No. of bits	Mnemonic
extension_start_code_identifier	4	uimsbf
while(nextbits() != '0000 0000 0000 0000 0000 0001') {		
ITU-T_data	1	uimsbf
}		
next_start_code()		
}		
NOTE – The construct with the while-statement prevents start code emulation.		

d) *Insert a new subclause 6.3.20:*

6.3.20 ITU-T extension

The use of this extension is defined in Annex A of ITU-T Recommendation H.320.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO/IEC 13818-2:1996/Amd 4:1999](https://standards.iteh.ai/catalog/standards/sist/77bcf6b2-c8cd-4c7d-a4cf-5ceb1c0dd25d/iso-iec-13818-2-1996-amd-4-1999)

<https://standards.iteh.ai/catalog/standards/sist/77bcf6b2-c8cd-4c7d-a4cf-5ceb1c0dd25d/iso-iec-13818-2-1996-amd-4-1999>