ISO/IEC 6048-5:2026-04 (E)

Information technology - JPEG AI learning-based image coding system - Part 5: File format

Contents

Page

1 Scope 1
2 Normative references 1
2.1 Identical Recommendations | International Standards 1
2.2 Paired Recommendations | International Standards equivalent in technical content 1
2.3 Additional references 1
3 Definitions 1
4 Abbreviations 2
5 Naming conventions and formats for numerical values 2
6 Conformance 2
7 Colour specification 2
8 Organization of the document 2
Annex A – Use of JPEG AI codestreams in the ISOBMFF file format - Motion JPEG AI 3
A.1 General 3
A.2 Compatibility and technology derivation 3
A.2.1 Family members 3
A.2.2 Conformance 3
A.3 Sample entry and sample formats for motion sequences 3
A.3.1 General 3
A.3.2 Definitions 4
A.3.3 Syntax 4
A.3.4 Semantics 5
Annex B – Use of JPEG AI codestreams JPEG AI codestreams in the HEIF image file format 6
B.1 General 6
B.2 JPEG AI images and image collections 6
B.2.1 General 6
B.2.2 Coded image item 6
B.2.3 JPEG AI header item property 6
B.2.4 JPEG AI auxiliary images 7
B.3 JPEG AI image sequences 7
B.3.1 General 7
B.3.2 Derivation from ISO/IEC 14496-12 7
B.4 JPEG AI-specific brands 7
B.4.1 JPEG AI image and image collection brands 7
B.4.2 JPEG AI image sequence brands 8
B.5 JPEG AI coded image in ISO/IEC 23008-12 image files media type registration 8
B.5.1 General 8
B.5.2 Registration 8
B.6 JPEG AI coded image sequence in ISO/IEC 23008-12 image files media type registration 9
B.6.1 General 9
B.6.2 Registration 9