

ISO/IEC 19566-6:2026-02 (E)

Information technologies - JPEG systems - Part 6: JPEG 360

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms, definitions and abbreviated terms.....	1
3.1 Terms and definitions.....	1
3.2 Abbreviated terms.....	2
4 Conventions.....	2
4.1 Conformance language.....	2
4.2 Typesetting.....	2
5 Description and definition of JPEG 360 images.....	3
5.1 General.....	3
5.2 Relative orientation.....	5
5.3 Viewport representation.....	7
5.4 Stereoscopic 360 image.....	8
5.4.1 General.....	8
5.4.2 Stereoscopic formats.....	8
5.4.3 Viewport definition in the stereo vision model.....	10
5.4.4 Compatible with a conventional 360 image viewer.....	10
5.5 Basic set of general 360 image parameters.....	11
5.5.1 360 image parameters.....	11
5.5.2 Viewport parameters.....	11
6 Structuring of JPEG 360 Metadata.....	11
6.1 General.....	11
6.2 Definition of JPEG 360 Content Type boxes.....	12
Annex A (normative) JPEG 360 Content Type JUMBF box.....	13
Annex B (normative) XML box for JPEG 360.....	14
Annex C (normative) Accelerated ROIs rendering for JPEG (ISO/IEC 10918-1) images.....	29
Bibliography.....	38