

ISO/IEC 23000-11:2009-11 (E)

Information technology - Multimedia application format (MPEG-A) - Part 11: Stereoscopic video application format

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Abbreviated terms	4
5	Overview	4
5.1	Overall procedure of stereoscopic contents	4
5.2	Acquisition of the stereoscopic contents	4
5.3	Stereoscopic contents composition type	6
5.3.1	Side-by-side type	6
5.3.2	Vertical line interleaved type	7
5.3.3	Frame sequential type	7
5.3.4	Left/Right view sequence type	7
6	Components of Stereoscopic Video AF	8
6.1	Supported components	8
6.1.1	ISO base media file format	8
6.1.2	LASeR	8
6.1.3	AMR	9
6.1.4	EVRC	9
7	File structures	9
7.1	Table for boxes	9
7.2	File structures of Stereoscopic Video AF	11
7.2.1	File structure for stereoscopic contents	11
7.2.2	File structure for stereo-monoscopic mixed contents	13
8	Syntax and Semantics of the Boxes	15
8.1	File Type Box	15
8.1.1	Definition	15
8.2	Track Reference Box	16
8.2.1	Definition	16
8.2.2	Syntax	16
8.2.3	Semantics	16
8.3	Sync Sample Box	16
8.3.1	Definition	16
8.4	Stereoscopic Video Media Information Box	17
8.4.1	Definition	17
8.4.2	Syntax	17
8.4.3	Semantics	17
8.5	Stereoscopic Camera and Display Information Box	18
8.5.1	Definition	18
8.5.2	Syntax	18
8.5.3	Semantics	19

8.6	Item Location Box	20
8.6.1	Definition	20
8.6.2	Semantics	20
8.7	Registration of voice codecs	20
8.7.1	AMRSampleEntry box	20
8.7.2	EVRCSampleEntry box	21
Annex A (informative) Use cases of the file structure of stereo-monoscopic mixed contents		22
Bibliography		23