

ISO 12234-3:2016-07 (E)

Electronic still picture imaging - Removable memory - Part 3: XMP for digital photography

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Reference model and usage	2
4.1	General considerations	2
4.2	Native metadata properties and their usage	2
5	XMP namespace	3
5.1	General	3
5.2	Extensions	3
6	Metadata definitions	3
6.1	Metadata lists	3
6.2	Metadata definitions	7
6.2.1	Value type	7
6.2.2	ApertureValue	7
6.2.3	Artist	7
6.2.4	BodySerialNumber	7
6.2.5	CameraOwnerName	8
6.2.6	CaptureSet	8
6.2.7	CFAPattern	8
6.2.8	ColourEncoding	8
6.2.9	Copyright	9
6.2.10	DateTimeDigitized	9
6.2.11	DateTimeOriginal	9
6.2.12	DateTime	9
6.2.13	DigitalZoomRatio	9
6.2.14	Editor	9
6.2.15	ExposureBiasValue	9
6.2.16	ExposureIndex	10
6.2.17	ExposureProgram	10
6.2.18	Faces	10
6.2.19	Favorites	11
6.2.20	Flash	11
6.2.21	FocalLength	12
6.2.22	FocalLengthIn35mmFilm	12
6.2.23	GPS	12
6.2.24	ImageAspectRatio	13
6.2.25	ImageDescription	14
6.2.26	ImageLength	14
6.2.27	ImageTileSet	14
6.2.28	ImageWidth	14
6.2.29	LensMake	14
6.2.30	LensModel	14

6.2.31	LensSerialNumber	14
6.2.32	LensSpecification	15
6.2.33	LightSource	15
6.2.34	Make	16
6.2.35	MaxApertureValue	16
6.2.36	MeteringMode	16
6.2.37	Model	16
6.2.38	MultiSpectralCaptureSet	16
6.2.39	OECF	17
6.2.40	Orientation	17
6.2.41	SceneLuminance	17
6.2.42	Self-TimerMode	17
6.2.43	ShutterSpeedValue	17
6.2.44	Software	18
6.2.45	SubjectArea	18
6.2.46	SubjectDistance	19
6.2.47	UserComments	19
Annex A (normative) XMP metadata use with Exif image format		20
Annex B (normative) XMP metadata use with TIFF/EP image format		22
Annex C (normative) XMP metadata use with JPEG 2000 image format		23
Annex D (normative) Value forms and value types		24
Bibliography		29