

Professional Camera Metadata Survey

			Canon EOS-1D	Canon EOS-D30	Canon EOS-D60	Fuji FinePix S1	Fuji FinePix S2	Kodak DCS-720x	Kodak DCS-760	Kodak ProBack 645	Nikon D1	Nikon D100	Nikon D1H	Nikon DX	Olympus E10	Olympus E20	ALL CAMERAS # of cameras w/ metadata	ALL CAMERAS % of cameras w/ metadata
Camera																		
Sensor Total Pixels (megapixels)			4.48	3.11	6.29	3.10	6.17	2.00	6.35	16.60	2.74	6.31	2.74	5.40	4.00	5.24	140	100.00%
Effective Pixels (megapixels)			4.15	3.11	6.29	3.10	6.17	1.99	6.09	16.51	2.62	6.11	2.62	5.33	3.76	4.92	140	100.00%
Maximum Resolution (effective pixels)			2496x1662	2160x1440	3072x2048	2304x1536	3024x2016	1728x1152	3032x2008	4064x4064	2000x1312	3032x2016	2000x1312	4028x1324	2240x1680	2560x1920	Unknown	100.00%
Image Format			Unknown	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:0	JPEG 4:2:0	JPEG 4:2:0	JPEG 4:2:0	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:4:4	JPEG 4:2:2	Unknown	100.00%	100.00%
Thumbnail Format			JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:2:2	JPEG 4:4:4	JPEG 4:2:2	JPEG 4:2:2	100.00%	100.00%
Compressed Thumbnail			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.00%	100.00%
EXIF Version			2.1	2.1	2.2	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	100.00%	100.00%
DCF or R98 compliant?			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.00%	100.00%
Hex #	Dec #	Field Name																
Oth IFD TIFF Tags:																		
0x010E	270	ImageDescription									R	R	R	R	R	R	6	42.86%
0x010F	271	Make	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x0110	272	Model	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x0112	274	Orientation	R	R	R	R	R	R	R	R	R	R	R	R	R	R	10	71.43%
0x011A	282	XResolution	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x011B	283	YResolution	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x0128	296	ResolutionUnit	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x0131	305	Software	O	O	O	O	O	O	O	O	O	O	O	O	O	O	11	78.57%
0x0132	306	DateTime	R	R	R	R	R	R	R	R	R	R	R	R	R	R	11	78.57%
0x013B	315	Artist						O	O	O							3	21.43%
0x0213	531	YCbCrPositioning	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x8298	33432	Copyright				O	O	O	O	O							5	35.71%
0x8769	34665	ExifIFDPointer	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x8825	34853	GPSInfo						O	O					O	O		4	28.57%
EXIF IFD Camera Capture Tags:																		
0x829A	33434	ExposureTime	O	O	R		R	O	O	O	O	R	O	O	O	O	13	92.86%
0x829D	33437	FNumber	O	O	O	O	O	O	O	O	O	O	O	O	O	O	14	100.00%
0x8822	34850	ExposureProgram	O	O	O	O	O	O	O	O	O	O	O	O	O	O	12	85.71%
0x8827	34855	ISOSpeedRatings	O	O	O	O	O	O	O	O	O	O	O	O	O	O	7	50.00%
0x9000	36864	ExifVersion	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x9003	36867	DateTimeOriginal	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x9004	36868	DateTimeDigitized	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x9101	37121	ComponentsConfiguration	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0x9102	37122	CompressedBitsPerPixel	O	O	O	O	O	O	O	O	O	O	O	O	O	O	11	78.57%
0x9201	37377	ShutterSpeedValue	O	O	O	O	O	O	O	O	O	O	O	O	O	O	8	57.14%
0x9202	37378	ApertureValue	O	O	O	O	O	O	O	O	O	O	O	O	O	O	8	57.14%
0x9203	37379	BrightnessValue	O	O	O	O	O	O	O	O	O	O	O	O	O	O	5	35.71%
0x9204	37380	ExposureBiasValue	O	O	O	O	O	O	O	O	O	O	O	O	O	O	14	100.00%
0x9205	37381	MaxApertureRatioValue	O	O	O	O	O	O	O	O	O	O	O	O	O	O	8	57.14%
0x9206	37382	SubjectDistance	O	O	O	O	O	O	O	O	O	O	O	O	O	O	1	7.14%
0x9207	37383	MeteringMode	O	O	O	O	O	O	O	O	O	O	O	O	O	O	14	100.00%
0x9208	37384	LightSource	O	O	O	O	O	O	O	O	O	O	O	O	O	O	5	35.71%
0x9209	37385	Flash	O	O	R	O	R	O	O	O	R	O	O	O	O	O	8	57.14%
0x920A	37386	FocalLength	O	O	O	O	O	O	O	O	O	O	O	O	O	O	14	100.00%
0x9214	37396	SubjectArea	O	O	O	O	O	O	O	O	O	O	O	O	O	O	0	0.00%
0x927C	37500	MakerNote	O	O	O	O	O	O	O	O	O	O	O	O	O	O	14	100.00%
0x9286	37510	UserComment	O	O	O	O	O	O	O	O	O	O	O	O	O	O	12	85.71%
0x9290	37520	SubSecTime	O	O	O	O	O	O	O	O	O	O	O	O	O	O	4	28.57%
0x9291	37521	SubSecTimeOriginal	O	O	O	O	O	O	O	O	O	O	O	O	O	O	4	28.57%
0x9292	37522	SubSecTimeDigitized	O	O	O	O	O	O	O	O	O	O	O	O	O	O	4	28.57%
0xA000	40960	FlashPixVersion	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0xA001	40961	ColorSpace	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0xA002	40962	PixelDimension	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0xA003	40963	PixelYDimension	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0xA004	40964	RelatedSoundFile	O	O	O	O	O	O	O	O	O	O	O	O	O	O	1	7.14%
0xA005	40965	Interoperability IFD Pointer	M	M	M	M	M	M	M	M	M	M	M	M	M	M	14	100.00%
0xA20E	41486	FocalPlaneXResolution	O	O	O	O	O	O	O	O	O	O	O	O	O	O	7	50.00%
0xA20F	41487	FocalPlaneYResolution	O	O	O	O	O	O	O	O	O	O	O	O	O	O	7	50.00%
0xA210	41488	FocalPlaneResolutionUnit	O	O	O	O	O	O	O	O	O	O	O	O	O	O	7	50.00%
0xA215	41493	ExposureIndex	O	O	O	O	O	O	O	O	O	O	O	O	O	O	3	21.43%
0xA217	41495	SensingMethod	O	O	O	O	O	O	O	O	O	O	O	O	O	O	11	78.57%
0xA300	41728	FileSource	O	O	O	O	O	O	O	O	O	O	O	O	O	O	13	92.86%
0xA301	41729	SceneType	O	O	O	O	O	O	O	O	O	O	O	O	O	O	9	64.29%
0xA302	41730	CFAPattern	O	O	O	O	O	O	O	O	O	O	O	O	O	O	7	50.00%
0xA401	41985	CustomRendered			O		O										3	21.43%
0xA402	41986	ExposureMode			R		R										3	21.43%
0xA403	41987	WhiteBalance			R		R										3	21.43%
0xA404	41988	DigitalZoomRatio															1	7.14%
0xA405	41989	FocalLengthIn35mmFilm					O										2	14.29%
0xA406	41990	SceneCaptureType			R		R										3	21.43%
0xA407	41991	GainControl															1	7.14%
0xA408	41992	Contrast					O										2	14.29%
0xA409	41993	Saturation					O										2	14.29%
0xA40A	41994	Sharpness					O										2	14.29%
0xA40C	41996	SubjectDistanceRange					R										2	14.29%
GPS IFD GPS Tags:																		
0x0000	0	GPSTimeStamp						O	O			O	O				4	28.57%
0x0001	1	GPSLatitudeRef						O	O								2	14.29%
0x0002	2	GPSLatitude						O	O								2	14.29%
0x0003	3	GPSLongitudeRef						O	O								2	14.29%
0x0004	4	GPSLongitude						O	O								2	14.29%
0x0005	5	GPSAltitudeRef						O	O								2	14.29%
0x0006	6	GPSAltitude						O	O								2	14.29%
0x0007	7	GPSTimeStamp						O	O								2	14.29%
1st IFD Thumbnail Tags:																		
0x0100	256	ImageWidth																