

# Metadata reference tables

There are three different Nikon MakerNote formats. Exiv2 will automatically detect the correct format for the Exif data from a particular Nikon camera model.

## Nikon (format 1) MakerNote Tags

Tags found in the MakerNote of images taken with Nikon cameras, such as the E990 and D1. These tags are defined by Exiv2 in accordance with [3] ([makernote.html#R3](#)).

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0001	1	Nikon1	Exif.Nikon1.Version	Undefined	Nikon Makernote version
0x0002	2	Nikon1	Exif.Nikon1.ISOSpeed	Short	ISO speed setting
0x0003	3	Nikon1	Exif.Nikon1.ColorMode	Ascii	Color mode
0x0004	4	Nikon1	Exif.Nikon1.Quality	Ascii	Image quality setting
0x0005	5	Nikon1	Exif.Nikon1.WhiteBalance	Ascii	White balance
0x0006	6	Nikon1	Exif.Nikon1.Sharpening	Ascii	Image sharpening setting
0x0007	7	Nikon1	Exif.Nikon1.Focus	Ascii	Focus mode
0x0008	8	Nikon1	Exif.Nikon1.FlashSetting	Ascii	Flash setting
0x000a	10	Nikon1	Exif.Nikon1.0x000a	Rational	Unknown
0x000f	15	Nikon1	Exif.Nikon1.ISOSelection	Ascii	ISO selection
0x0010	16	Nikon1	Exif.Nikon1.DataDump	Undefined	Data dump
0x0080	128	Nikon1	Exif.Nikon1.ImageAdjustment	Ascii	Image adjustment setting
0x0082	130	Nikon1	Exif.Nikon1.AuxiliaryLens	Ascii	Auxiliary lens (adapter)
0x0085	133	Nikon1	Exif.Nikon1.FocusDistance	Rational	Manual focus distance
0x0086	134	Nikon1	Exif.Nikon1.DigitalZoom	Rational	Digital zoom setting

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0088	136	Nikon1	Exif.Nikon1.AFFocusPos	Undefined	AF focus position information

## Nikon (format 2) MakerNote Tags

Tags found in the MakerNote of images taken with Nikon cameras, including the E700, E800, E900, E900S, E910, E950. These tags are defined by Exiv2 in accordance with [1] ([makernote.html#R1](#)).

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0002	2	Nikon2	Exif.Nikon2.0x0002	Ascii	Unknown
0x0003	3	Nikon2	Exif.Nikon2.Quality	Short	Image quality setting
0x0004	4	Nikon2	Exif.Nikon2.ColorMode	Short	Color mode
0x0005	5	Nikon2	Exif.Nikon2.ImageAdjustment	Short	Image adjustment setting
0x0006	6	Nikon2	Exif.Nikon2.ISOSpeed	Short	ISO speed setting
0x0007	7	Nikon2	Exif.Nikon2.WhiteBalance	Short	White balance
0x0008	8	Nikon2	Exif.Nikon2.Focus	Rational	Focus mode
0x0009	9	Nikon2	Exif.Nikon2.0x0009	Ascii	Unknown
0x000a	10	Nikon2	Exif.Nikon2.DigitalZoom	Rational	Digital zoom setting
0x000b	11	Nikon2	Exif.Nikon2.AuxiliaryLens	Short	Auxiliary lens (adapter)
0x0f00	3840	Nikon2	Exif.Nikon2.0x0f00	Long	Unknown

## Nikon (format 3) MakerNote Tags

Tags found in the MakerNote of images taken with newer Nikon cameras, e.g., the E5400, SQ, D2H, D70.

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
-----------	-----------	-----	-----	------	-----------------

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0001	1	Nikon3	Exif.Nikon3.Version	Undefined	Nikon Makernote version
0x0002	2	Nikon3	Exif.Nikon3.ISOSpeed	Short	ISO speed setting
0x0003	3	Nikon3	Exif.Nikon3.ColorMode	Ascii	Color mode
0x0004	4	Nikon3	Exif.Nikon3.Quality	Ascii	Image quality setting
0x0005	5	Nikon3	Exif.Nikon3.WhiteBalance	Ascii	White balance
0x0006	6	Nikon3	Exif.Nikon3.Sharpening	Ascii	Image sharpening setting
0x0007	7	Nikon3	Exif.Nikon3.Focus	Ascii	Focus mode
0x0008	8	Nikon3	Exif.Nikon3.FlashSetting	Ascii	Flash setting
0x0009	9	Nikon3	Exif.Nikon3.FlashDevice	Ascii	Flash device
0x000a	10	Nikon3	Exif.Nikon3.0x000a	Rational	Unknown
0x000b	11	Nikon3	Exif.Nikon3.WhiteBalanceBias	SShort	White balance bias
0x000c	12	Nikon3	Exif.Nikon3.WB_RBLevels	Rational	WB RB levels
0x000d	13	Nikon3	Exif.Nikon3.ProgramShift	Undefined	Program shift
0x000e	14	Nikon3	Exif.Nikon3.ExposureDiff	Undefined	Exposure difference
0x000f	15	Nikon3	Exif.Nikon3.ISOSelection	Ascii	ISO selection
0x0010	16	Nikon3	Exif.Nikon3.DataDump	Undefined	Data dump
0x0011	17	Nikon3	Exif.Nikon3.Preview	Undefined	Offset to an IFD containing a preview image
0x0012	18	Nikon3	Exif.Nikon3.FlashComp	Undefined	Flash compensation setting
0x0013	19	Nikon3	Exif.Nikon3.ISOSettings	Short	ISO setting
0x0016	22	Nikon3	Exif.Nikon3.ImageBoundary	Short	Image boundary

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0017	23	Nikon3	Exif.Nikon3.FlashExposureComp	Undefined	Flash exposure comp
0x0018	24	Nikon3	Exif.Nikon3.FlashBracketComp	Undefined	Flash bracket compensation applied
0x0019	25	Nikon3	Exif.Nikon3.ExposureBracketComp	SRational	AE bracket compensation applied
0x001a	26	Nikon3	Exif.Nikon3.ImageProcessing	Ascii	Image processing
0x001b	27	Nikon3	Exif.Nikon3.CropHiSpeed	Short	Crop high speed
0x001c	28	Nikon3	Exif.Nikon3.ExposureTuning	Short	Exposure tuning
0x001d	29	Nikon3	Exif.Nikon3.SerialNumber	Ascii	Serial Number
0x001e	30	Nikon3	Exif.Nikon3.ColorSpace	Short	Color space
0x001f	31	Nikon3	Exif.Nikon3.VRInfo	Undefined	VR info
0x0020	32	Nikon3	Exif.Nikon3.ImageAuthentication	Byte	Image authentication
0x0022	34	Nikon3	Exif.Nikon3.ActiveDLighting	Short	ActiveD-lighting
0x0023	35	Nikon3	Exif.Nikon3.PictureControl	Undefined	Picture control
0x0024	36	Nikon3	Exif.Nikon3.WorldTime	Undefined	World time
0x0025	37	Nikon3	Exif.Nikon3.ISOInfo	Undefined	ISO info
0x002a	42	Nikon3	Exif.Nikon3.VignetteControl	Short	Vignette control
0x0034	52	Nikon3	Exif.Nikon3.ShutterMode	Short	Shutter mode
0x0037	55	Nikon3	Exif.Nikon3.MechanicalShutterCount	Long	Mechanical shutter count
0x003f	63	Nikon3	Exif.Nikon3.WhiteBalanceBias2	SRational	White balance bias 2
0x0080	128	Nikon3	Exif.Nikon3.ImageAdjustment	Ascii	Image adjustment setting
0x0081	129	Nikon3	Exif.Nikon3.ToneComp	Ascii	Tone compensation

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0082	130	Nikon3	Exif.Nikon3.AuxiliaryLens	Ascii	Auxiliary lens (adapter)
0x0083	131	Nikon3	Exif.Nikon3.LensType	Byte	Lens type
0x0084	132	Nikon3	Exif.Nikon3.Lens	Rational	Lens
0x0085	133	Nikon3	Exif.Nikon3.FocusDistance	Rational	Manual focus distance
0x0086	134	Nikon3	Exif.Nikon3.DigitalZoom	Rational	Digital zoom setting
0x0087	135	Nikon3	Exif.Nikon3.FlashMode	Byte	Mode of flash used
0x0088	136	Nikon3	Exif.Nikon3.AFInfo	Undefined	AF info
0x0089	137	Nikon3	Exif.Nikon3.ShootingMode	Short	Shooting mode
0x008a	138	Nikon3	Exif.Nikon3.AutoBracketRelease	Short	Auto bracket release
0x008b	139	Nikon3	Exif.Nikon3.LensFStops	Undefined	Lens FStops
0x008c	140	Nikon3	Exif.Nikon3.ContrastCurve	Undefined	Contrast curve
0x008d	141	Nikon3	Exif.Nikon3.ColorHue	Ascii	Color hue
0x008f	143	Nikon3	Exif.Nikon3.SceneMode	Ascii	Scene mode
0x0090	144	Nikon3	Exif.Nikon3.LightSource	Ascii	Light source
0x0091	145	Nikon3	Exif.Nikon3.ShotInfo	Undefined	Shot info
0x0092	146	Nikon3	Exif.Nikon3.HueAdjustment	SShort	Hue adjustment
0x0093	147	Nikon3	Exif.Nikon3.NEFCompression	Short	NEF compression
0x0094	148	Nikon3	Exif.Nikon3.Saturation	SShort	Saturation
0x0095	149	Nikon3	Exif.Nikon3.NoiseReduction	Ascii	Noise reduction
0x0096	150	Nikon3	Exif.Nikon3.LinearizationTable	Undefined	Linearization table
0x0097	151	Nikon3	Exif.Nikon3.ColorBalance	Undefined	Color balance
0x0098	152	Nikon3	Exif.Nikon3.LensData	Undefined	Lens data settings

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0099	153	Nikon3	Exif.Nikon3.RawImageCenter	Short	Raw image center
0x009a	154	Nikon3	Exif.Nikon3.SensorPixelSize	Rational	Sensor pixel size
0x009b	155	Nikon3	Exif.Nikon3.0x009b	Short	Unknown
0x009c	156	Nikon3	Exif.Nikon3.SceneAssist	Ascii	Scene assist
0x009e	158	Nikon3	Exif.Nikon3.RetouchHistory	Short	Retouch history
0x009f	159	Nikon3	Exif.Nikon3.0x009f	SShort	Unknown
0x00a0	160	Nikon3	Exif.Nikon3.SerialNO	Ascii	Camera serial number, usually starts with "NO="
0x00a2	162	Nikon3	Exif.Nikon3.ImageDataSize	Long	Image data size
0x00a3	163	Nikon3	Exif.Nikon3.0x00a3	Byte	Unknown
0x00a5	165	Nikon3	Exif.Nikon3.ImageCount	Long	Image count
0x00a6	166	Nikon3	Exif.Nikon3.DeletedImageCount	Long	Deleted image count
0x00a7	167	Nikon3	Exif.Nikon3.ShutterCount	Long	Number of shots taken by camera
0x00a8	168	Nikon3	Exif.Nikon3.FlashInfo	Undefined	Flash info
0x00a9	169	Nikon3	Exif.Nikon3.ImageOptimization	Ascii	Image optimization
0x00aa	170	Nikon3	Exif.Nikon3.Saturation2	Ascii	Saturation 2
0x00ab	171	Nikon3	Exif.Nikon3.VariProgram	Ascii	Program variation
0x00ac	172	Nikon3	Exif.Nikon3.ImageStabilization	Ascii	Image stabilization
0x00ad	173	Nikon3	Exif.Nikon3.AFResponse	Ascii	AF response
0x00b0	176	Nikon3	Exif.Nikon3.MultiExposure	Undefined	Multi exposure
0x00b1	177	Nikon3	Exif.Nikon3.HighISONoiseReduction	Short	High ISO Noise Reduction
0x00b3	179	Nikon3	Exif.Nikon3.ToningEffect	Ascii	Toning effect

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x00b7	183	Nikon3	Exif.Nikon3.AFInfo2	Undefined	AF info 2
0x00b8	184	Nikon3	Exif.Nikon3.FileInfo	Undefined	File info
0x00b9	185	Nikon3	Exif.Nikon3.AFTune	Undefined	AF tune
0x00c3	195	Nikon3	Exif.Nikon3.BarometerInfo	SLong	Barometer Info
0x0e00	3584	Nikon3	Exif.Nikon3.PrintIM	Undefined	PrintIM information
0x0e01	3585	Nikon3	Exif.Nikon3.CaptureData	Undefined	Capture data
0x0e09	3593	Nikon3	Exif.Nikon3.CaptureVersion	Ascii	Capture version
0x0e0e	3598	Nikon3	Exif.Nikon3.CaptureOffsets	Undefined	Capture offsets
0x0e10	3600	Nikon3	Exif.Nikon3.ScanIFD	Undefined	Scan IFD
0x0e1d	3613	Nikon3	Exif.Nikon3.ICCProfile	Undefined	ICC profile
0x0e1e	3614	Nikon3	Exif.Nikon3.CaptureOutput	Undefined	Capture output

## Nikon Vibration Reduction Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonVr	Exif.NikonVr.Version	Undefined	Version
0x0004	4	NikonVr	Exif.NikonVr.VibrationReduction	Byte	Vibration reduction

## Nikon Picture Control Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonPc	Exif.NikonPc.Version	Undefined	Version
0x0004	4	NikonPc	Exif.NikonPc.Name	Ascii	Name
0x0018	24	NikonPc	Exif.NikonPc.Base	Ascii	Base
0x0030	48	NikonPc	Exif.NikonPc.Adjust	Byte	Adjust

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0031	49	NikonPc	Exif.NikonPc.QuickAdjust	Byte	Quick adjust
0x0032	50	NikonPc	Exif.NikonPc.Sharpness	Byte	Sharpness
0x0033	51	NikonPc	Exif.NikonPc.Contrast	Byte	Contrast
0x0034	52	NikonPc	Exif.NikonPc.Brightness	Byte	Brightness
0x0035	53	NikonPc	Exif.NikonPc.Saturation	Byte	Saturation
0x0036	54	NikonPc	Exif.NikonPc.HueAdjustment	Byte	Hue adjustment
0x0037	55	NikonPc	Exif.NikonPc.FilterEffect	Byte	Filter effect
0x0038	56	NikonPc	Exif.NikonPc.ToningEffect	Byte	Toning effect
0x0039	57	NikonPc	Exif.NikonPc.ToningSaturation	Byte	Toning saturation

## Nikon World Time Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonWt	Exif.NikonWt.Timezone	SShort	Timezone
0x0002	2	NikonWt	Exif.NikonWt.DaylightSavings	Byte	Daylight savings
0x0003	3	NikonWt	Exif.NikonWt.DateDisplayFormat	Byte	Date display format

## Nikon ISO Info Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonIi	Exif.NikonIi.ISO	Byte	ISO
0x0004	4	NikonIi	Exif.NikonIi.ISOExpansion	Short	ISO expansion
0x0006	6	NikonIi	Exif.NikonIi.ISO2	Byte	ISO 2
0x000a	10	NikonIi	Exif.NikonIi.ISOExpansion2	Short	ISO expansion 2



## Nikon Auto Focus Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonAf	Exif.NikonAf.AFAreaMode	Byte	AF area mode
0x0001	1	NikonAf	Exif.NikonAf.AFPoint	Byte	AF point
0x0002	2	NikonAf	Exif.NikonAf.AFPointsInFocus	Short	AF points in focus

## Nikon Auto Focus 2 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonAf2	Exif.NikonAf2.Version	Undefined	Version
0x0004	4	NikonAf2	Exif.NikonAf2.ContrastDetectAF	Byte	Contrast detect AF
0x0005	5	NikonAf2	Exif.NikonAf2.AFAreaMode	Byte	AF area mode
0x0006	6	NikonAf2	Exif.NikonAf2.PhaseDetectAF	Byte	Phase detect AF
0x0007	7	NikonAf2	Exif.NikonAf2.PrimaryAFPoint	Byte	Primary AF point
0x0008	8	NikonAf2	Exif.NikonAf2.AFPointsUsed	Byte	AF points used
0x0010	16	NikonAf2	Exif.NikonAf2.AFImageWidth	Short	AF image width
0x0012	18	NikonAf2	Exif.NikonAf2.AFImageHeight	Short	AF image height
0x0014	20	NikonAf2	Exif.NikonAf2.AFAreaXPosition	Short	AF area x position
0x0016	22	NikonAf2	Exif.NikonAf2.AFAreaYPosition	Short	AF area y position
0x0018	24	NikonAf2	Exif.NikonAf2.AFAreaWidth	Short	AF area width
0x001a	26	NikonAf2	Exif.NikonAf2.AFAreaHeight	Short	AF area height

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x001c	28	NikonAf2	Exif.NikonAf2.ContrastDetectAFInFocus	Byte	Contrast detect AF in focus

## Nikon AF Fine Tune Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonAFT	Exif.NikonAFT.AFFineTune	Byte	AF fine tune
0x0001	1	NikonAFT	Exif.NikonAFT.AFFineTuneIndex	Byte	AF fine tune index
0x0002	2	NikonAFT	Exif.NikonAFT.AFFineTuneAdj	SByte	AF fine tune adjustment

## Nikon File Info Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonFi	Exif.NikonFi.Version	Undefined	Version
0x0006	6	NikonFi	Exif.NikonFi.DirectoryNumber	Short	Directory number
0x0008	8	NikonFi	Exif.NikonFi.FileNumber	Short	File number

## Nikon Multi Exposure Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonMe	Exif.NikonMe.Version	Undefined	Version
0x0004	4	NikonMe	Exif.NikonMe.MultiExposureMode	Long	Multi exposure mode
0x0008	8	NikonMe	Exif.NikonMe.MultiExposureShots	Long	Multi exposure shots

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x000c	12	NikonMe	Exif.NikonMe.MultiExposureAutoGain	Long	Multi exposure auto gain

## Nikon Flash Info 1 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonFl1	Exif.NikonFl1.Version	Undefined	Version
0x0004	4	NikonFl1	Exif.NikonFl1.FlashSource	Byte	Flash source
0x0005	5	NikonFl1	Exif.NikonFl1.0x0005	Byte	Unknown
0x0006	6	NikonFl1	Exif.NikonFl1.ExternalFlashFirmware	Short	External flash firmware
0x0008	8	NikonFl1	Exif.NikonFl1.ExternalFlashFlags	Byte	External flash flags
0x000b	11	NikonFl1	Exif.NikonFl1.FlashFocalLength	Byte	Flash focal length
0x000c	12	NikonFl1	Exif.NikonFl1.RepeatingFlashRate	Byte	Repeating flash rate
0x000d	13	NikonFl1	Exif.NikonFl1.RepeatingFlashCount	Byte	Repeating flash count
0x000e	14	NikonFl1	Exif.NikonFl1.FlashGNDistance	Byte	Flash GN distance
0x000f	15	NikonFl1	Exif.NikonFl1.FlashGroupAControlMode	Byte	Flash group a control mode
0x0010	16	NikonFl1	Exif.NikonFl1.FlashGroupBControlMode	Byte	Flash group b control mode

## Nikon Flash Info 2 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonFI2	Exif.NikonFI2.Version	Undefined	Version
0x0004	4	NikonFI2	Exif.NikonFI2.FlashSource	Byte	Flash source
0x0005	5	NikonFI2	Exif.NikonFI2.0x0005	Byte	Unknown
0x0006	6	NikonFI2	Exif.NikonFI2.ExternalFlashFirmware	Short	External flash firmware
0x0008	8	NikonFI2	Exif.NikonFI2.ExternalFlashFlags	Byte	External flash flags
0x000c	12	NikonFI2	Exif.NikonFI2.FlashFocalLength	Byte	Flash focal length
0x000d	13	NikonFI2	Exif.NikonFI2.RepeatingFlashRate	Byte	Repeating flash rate
0x000e	14	NikonFI2	Exif.NikonFI2.RepeatingFlashCount	Byte	Repeating flash count
0x000f	15	NikonFI2	Exif.NikonFI2.FlashGNDistance	Byte	Flash GN distance

## Nikon Flash Info 3 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonFI3	Exif.NikonFI3.Version	Undefined	Version
0x0004	4	NikonFI3	Exif.NikonFI3.FlashSource	Byte	Flash source
0x0006	6	NikonFI3	Exif.NikonFI3.ExternalFlashFirmware	Short	External flash firmware
0x0008	8	NikonFI3	Exif.NikonFI3.ExternalFlashFlags	Byte	External flash flags
0x000c	12	NikonFI3	Exif.NikonFI3.FlashFocalLength	Byte	Flash focal length
0x000d	13	NikonFI3	Exif.NikonFI3.RepeatingFlashRate	Byte	Repeating flash rate
0x000e	14	NikonFI3	Exif.NikonFI3.RepeatingFlashCount	Byte	Repeating flash count

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x000f	15	NikonFI3	Exif.NikonFI3.FlashGNDistance	Byte	Flash GN distance
0x0010	16	NikonFI3	Exif.NikonFI3.FlashColorFilter	Byte	Flash color filter

## Nikon Shot Info D80 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonSiD80	Exif.NikonSiD80.Version	Byte	Version
0x024a	586	NikonSiD80	Exif.NikonSiD80.ShutterCount	Long	Shutter count

## Nikon Shot Info D40 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonSiD40	Exif.NikonSiD40.Version	Byte	Version
0x0246	582	NikonSiD40	Exif.NikonSiD40.ShutterCount	Long	Shutter count
0x02e2	738	NikonSiD40	Exif.NikonSiD40.FlashLevel	Byte	Flash level

## Nikon Shot Info D300a Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonSiD300a	Exif.NikonSiD300a.Version	Byte	Version
0x025c	604	NikonSiD300a	Exif.NikonSiD300a.ISO	Byte	ISO
0x0279	633	NikonSiD300a	Exif.NikonSiD300a.ShutterCount	Long	Shutter count
0x02d1	721	NikonSiD300a	Exif.NikonSiD300a.AFFineTuneAdj	Short	AF fine tune adj

## Nikon Shot Info D300b Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonSiD300b	Exif.NikonSiD300b.Version	Byte	Version
0x0265	613	NikonSiD300b	Exif.NikonSiD300b.ISO	Byte	ISO
0x0284	644	NikonSiD300b	Exif.NikonSiD300b.ShutterCount	Long	Shutter count
0x02dc	732	NikonSiD300b	Exif.NikonSiD300b.AFFineTuneAdj	Short	AF fine tune adj

## Nikon Shot Info Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonSi02xx	Exif.NikonSi02xx.Version	Byte	Version
0x006a	106	NikonSi02xx	Exif.NikonSi02xx.ShutterCount1	Long	Shutter count 1
0x006e	110	NikonSi02xx	Exif.NikonSi02xx.DeletedImageCount	Long	Deleted image count
0x0075	117	NikonSi02xx	Exif.NikonSi02xx.VibrationReduction	Byte	Vibration reduction
0x0082	130	NikonSi02xx	Exif.NikonSi02xx.VibrationReduction1	Byte	Vibration reduction 1
0x0157	343	NikonSi02xx	Exif.NikonSi02xx.ShutterCount2	Undefined	Shutter count 2
0x01ae	430	NikonSi02xx	Exif.NikonSi02xx.VibrationReduction2	Byte	Vibration reduction 2
0x0256	598	NikonSi02xx	Exif.NikonSi02xx.ISO	Byte	ISO
0x0276	630	NikonSi02xx	Exif.NikonSi02xx.ShutterCount	Long	Shutter count

## Nikon Color Balance 1 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
-----------	-----------	-----	-----	------	-----------------

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonCb1	Exif.NikonCb1.Version	Undefined	Version
0x0024	36	NikonCb1	Exif.NikonCb1.WB_RBGGLevels	Short	WB RBGG levels

## Nikon Color Balance 2 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonCb2	Exif.NikonCb2.Version	Undefined	Version
0x0005	5	NikonCb2	Exif.NikonCb2.WB_RGGBLevels	Short	WB RGGB levels

## Nikon Color Balance 2a Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonCb2a	Exif.NikonCb2a.Version	Undefined	Version
0x0009	9	NikonCb2a	Exif.NikonCb2a.WB_RGGBLevels	Short	WB RGGB levels

## Nikon Color Balance 2b Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonCb2b	Exif.NikonCb2b.Version	Undefined	Version
0x0091	145	NikonCb2b	Exif.NikonCb2b.WB_RGGBLevels	Short	WB RGGB levels

## Nikon Color Balance 3 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
--------------	--------------	-----	-----	------	--------------------

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonCb3	Exif.NikonCb3.Version	Undefined	Version
0x000a	10	NikonCb3	Exif.NikonCb3.WB_RGBGLevels	Short	WB RGBG levels

## Nikon Color Balance 4 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonCb4	Exif.NikonCb4.Version	Undefined	Version
0x0093	147	NikonCb4	Exif.NikonCb4.WB_GRBGLevels	Short	WB GRBG levels

## Nikon Lens Data 1 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonLd1	Exif.NikonLd1.Version	Undefined	Version
0x0006	6	NikonLd1	Exif.NikonLd1.LensIDNumber	Byte	Lens ID number
0x0007	7	NikonLd1	Exif.NikonLd1.LensFStops	Byte	Lens F-stops
0x0008	8	NikonLd1	Exif.NikonLd1.MinFocalLength	Byte	Min focal length
0x0009	9	NikonLd1	Exif.NikonLd1.MaxFocalLength	Byte	Max focal length
0x000a	10	NikonLd1	Exif.NikonLd1.MaxApertureAtMinFocal	Byte	Max aperture at min focal
0x000b	11	NikonLd1	Exif.NikonLd1.MaxApertureAtMaxFocal	Byte	Max aperture at max focal
0x000c	12	NikonLd1	Exif.NikonLd1.MCUVersion	Byte	MCU version



## Nikon Lens Data 2 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonLd2	Exif.NikonLd2.Version	Undefined	Version
0x0004	4	NikonLd2	Exif.NikonLd2.ExitPupilPosition	Byte	Exit pupil position
0x0005	5	NikonLd2	Exif.NikonLd2.AFAperture	Byte	AF aperture
0x0008	8	NikonLd2	Exif.NikonLd2.FocusPosition	Byte	Focus position
0x0009	9	NikonLd2	Exif.NikonLd2.FocusDistance	Byte	Focus distance
0x000a	10	NikonLd2	Exif.NikonLd2.FocalLength	Byte	Focal length
0x000b	11	NikonLd2	Exif.NikonLd2.LensIDNumber	Byte	Lens ID number
0x000c	12	NikonLd2	Exif.NikonLd2.LensFStops	Byte	Lens F-stops
0x000d	13	NikonLd2	Exif.NikonLd2.MinFocalLength	Byte	Min focal length
0x000e	14	NikonLd2	Exif.NikonLd2.MaxFocalLength	Byte	Max focal length
0x000f	15	NikonLd2	Exif.NikonLd2.MaxApertureAtMinFocal	Byte	Max aperture at min focal
0x0010	16	NikonLd2	Exif.NikonLd2.MaxApertureAtMaxFocal	Byte	Max aperture at max focal
0x0011	17	NikonLd2	Exif.NikonLd2.MCUVersion	Byte	MCU version
0x0012	18	NikonLd2	Exif.NikonLd2.EffectiveMaxAperture	Byte	Effective max aperture

## Nikon Lens Data 3 Tags

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0000	0	NikonLd3	Exif.NikonLd3.Version	Undefined	Version

Tag (hex)	Tag (dec)	IFD	Key	Type	Tag description
0x0004	4	NikonLd3	Exif.NikonLd3.ExitPupilPosition	Byte	Exit pupil position
0x0005	5	NikonLd3	Exif.NikonLd3.AFAperture	Byte	AF aperture
0x0008	8	NikonLd3	Exif.NikonLd3.FocusPosition	Byte	Focus position
0x000a	10	NikonLd3	Exif.NikonLd3.FocusDistance	Byte	Focus distance
0x000b	11	NikonLd3	Exif.NikonLd3.FocalLength	Byte	Focal length
0x000c	12	NikonLd3	Exif.NikonLd3.LensIDNumber	Byte	Lens ID number
0x000d	13	NikonLd3	Exif.NikonLd3.LensFStops	Byte	Lens F-stops
0x000e	14	NikonLd3	Exif.NikonLd3.MinFocalLength	Byte	Min focal length
0x000f	15	NikonLd3	Exif.NikonLd3.MaxFocalLength	Byte	Max focal length
0x0010	16	NikonLd3	Exif.NikonLd3.MaxApertureAtMinFocal	Byte	Max aperture at min focal length
0x0011	17	NikonLd3	Exif.NikonLd3.MaxApertureAtMaxFocal	Byte	Max aperture at max focal length
0x0012	18	NikonLd3	Exif.NikonLd3.MCUVersion	Byte	MCU version
0x0013	19	NikonLd3	Exif.NikonLd3.EffectiveMaxAperture	Byte	Effective max aperture