Ghiro

automated digital image forensics

Image analysis: test_insert

Dashboard

Type	Result
Static analysis	Static data
EXIF metadata extraction	EXIF Metadata
IPTC metadata extraction	No IPTC metadata
XMP metadata extraction	No XMP Metadata
Preview extraction from metadata	No Preview
Localization	GPS data
Error Level Analysis (ELA)	Applicable
Signature check	Signature matches

NO XMP METADATA IS SIGN OF
NO IMAGE TAMERING

Static Data

Type	Value
Filename	test_insert.jpg
Size	184.7 KB
Dimensions	[1488, 2240]
Analyzed at	Apr. 17, 2024, 6:35 p.m.

Static Data - FileType

Type
JPEG image data, EXIF standard

Static Data - Hashes

Type	Value
SHA1	23d3847d11b80ad9062b083b76adaa2f0bc8bd25
SHA224	5bc027130312a4ef2657acd54b43bdd2379f19cd6c5ed9d263c620b1
SHA384	223d7cac89d0d7cbcee560e059c6ea331496fa990978167e68e91f3d8867e4970ad38d2eb9850134daa027f06eb8199f
CRC32	6a8c1b5e
SHA256	c416374621d1f4105d17d592e006b7a51b2549bad8150828fe0f2fa12f94e19e
SHA512	90f30120536f511d6e005f904f2b7aa763f71d0845c06276cc7805d72eb54ad3e9f6faafd681f5922912587103d9b9dbed54aa29b2f329b80bef9f7555f8ef3a
MD5	d24f519c249bd2d33160f74fada24838

EXIF metadata extraction

Exif Metadata

Segment	Key: Value
NIKONAF	AFPointsInFocus: Bottom AFAreaMode: Dynamic Area AFPoint: Bottom
MAKERNOTE	Offset: 912 ByteOrder: MM
PHOTO	LightSource: Unknown ColorSpace: Uncalibrated ExposureMode: Manual Flash: No flash FlashpixVersion: 1.00 SceneCaptureType: Standard MeteringMode: Multi-segment ExifVersion: 2.21 Contrast: Hard Saturation: High
GPSINFO	GPSLongitude: 11deg 14.07717' GPSLatitudeRef: North GPSAltitude: 42.1 m GPSLatitude: 43deg 47.13567' GPSVersionID: 2.2.0.0 GPSLongitudeRef: East

AS METADATA EXISTS, IT IS A GOOD INDICATION OF NO TAMPERING

Error Level Analysis (ELA)

SINCE IN THE ELA THERE ISN'T ANY HIGHLIGHT THAT STANDS OUT, IT MEANS THE IMAGE MAY HAVE NOT BEEN TAMPERED