

MatrixStore Vision

EXIF Metadata

Version 1.0, October 2016

Overview

The following table contains all **EXIF** metadata extracted and stored by MatrixStore and recognised by Vision. The values in the **Type** column are the data type of the stored. The default type is *string* unless specified.

Attributes

Name in GUI	Type	Attribute Key	Example Value
Technical			
Software		_exif_software	Adobe Photoshop CS6
Exif Version		_exif_exif_version	2.21
Flashpix version		_exif_flashpix_version	1.00
Authorship			
Artist		_exif_artist	John Smith
Copyright		_exif_copyright	Jon smith – archive.org
Source		_exif_file_source	Digital Still Camera (DSC)
User comment		_exif_user_comment	web: object-matrix.com
Description		_exif_image_description	Picture of satellite dish
Camera			
Make		_exif_make	NIKON
Model		_exif_model	E990
Flash		_exif_flash	Flash did not fire
Orientation		_exif_orientation	Top, left side (Horizontal / normal)
F-number		_exif_f_number	f/2.8
Aperture Value		_exif_aperture_value	f/7
ISO speed rating	int	_exif_iso_speed_ratings	500
Exposure time		_exif_exposure_time	1/15 sec
Exposure mode		_exif_exposure_mode	Auto exposure
Exposure program		_exif_exposure_program	Program normal
Metering mode		_exif_metering_mode	Average
Focal length		_exif_focal_length	18.9 mm
Shutter speed		_exif_shutter_speed_value	1/15 sec
White balance mode		_exif_white_balance_mode	Auto white balance
Scene capture type		_exif_scene_capture_type	Standard
Sensing method		_exif_sensing_method	One-chip color area sensor
Digital zoom ratio		_exif_digital_zoom_ratio	Digital zoom not used
Focal Length (35mm)		_exif_focal_length_35	72 mm
Body serial number		_exif_body_serial_number	90701468
Image			
Image Width	long	_exif_exif_image_width	1296
Image Height	long	_exif_exif_image_height	968
Color space		_exif_color_space	sRGB
Sharpness		_exif_sharpness	Hard
X resolution		_exif_x_resolution	300 dots per inch
Y resolution		_exif_y_resolution	300 dots per inch
Custom rendered		_exif_custom_rendered	Normal process

Dates			
Modified date	long	_exif_date_time	2015:11:12 10:18:16
Original date	long	_exif_date_time_original	2014:12:30 09:50:34
Creation date	long	_exif_date_time_digitized	2014:12:30 09:50:34
GPS			
Latitude		_exif_gps_latitude	41° 51' 10.8"
Latitude Ref.		_exif_gps_latitude_ref	N
Longitude		_exif_gps_longitude	12° 29' 19.8"
Longitude Ref.		_exif_gps_longitude_ref	E
Image direction		_exif_gps_img_direction	177.56 degrees
Image direction Ref.		_exif_gps_img_direction_ref	True direction
Time stamp		_exif_gps_time_stamp	14:33:35.620 UTC
Date stamp		_exif_gps_date_stamp	2011:05:06

Notes

Other attributes may be extracted and stored as string data but they are not recognised and displayed in Vision.