

celum SWIFT

DIGITAL ASSETS ACCELERATED

Supported Formats

IMAGES

Bitmap Formats

Bitmap Files	Server Operating System					
	Windows		Mac		Linux	
	read	write	read	write	read	write
Joint Photographic Experts Group						
.JPEG, .JPG, .JPE	✓	✓	✓	✓	✓	✓
Colorspaces						
RGB	✓	✓	✓	✓	✓	✓
CMYK	✓	✓	✓	✓	✓	✓
YCbCr	✓	✓	✓	✓	✓	✓
YCbCrK	✓	✓	✗	✗	✗	✗
GRAYLEVEL	✓	✓	✓	✓	✓	✓
DCT method						
Slow	✓	✓	✗	✗	✗	✗
Fast	✓	✓	✗	✗	✗	✗
Float	✓	✓	✗	✗	✗	✗
Options						
Quality	✓	✓	✓	✓	✓	✓
Smooth	✓	✓	✗	✗	✗	✗
Progressive	✓	✓	✓	✗	✓	✗
Optimal Huffman	✓	✓	✓	✓	✓	✓
EXIF	✓	✓	✓	✓	✓	✓
XMP	✓	✓	✓	✓	✓	✓
IPTC	✓	✓	✓	✓	✓	✓
JPEG Committee, JPEG 2000						
.J2K, .JP2, .JPC	✓		✓			

IMAGES

Bitmap Formats

Bitmap						
.BMP	✓	✓	✓	✓	✓	✓
Compression						
Uncompressed	✓	✓	✓	✓	✓	✓
Rle	✓	✓	✓	✗	✓	✗
Version						
BM	✓	✓	✗	✗	✗	✗
BM3	✓	✓	✗	✗	✗	✗
OS2 V1	✓	✓	✗	✗	✗	✗
OS2 V2	✓	✓	✗	✗	✗	✗
Portable Bitmap						
.PBM, .PGM, .PPM	✓	✗	✓	✗	✓	✗
ASCII	✓	✗	✓	✗	✓	✗
Binary	✓	✗	✓	✗	✓	✗
Device Independent Bitmap						
.DIB	✓	✗	✓	✗	✓	✗
Graphics Interchange Format						
.GIF	✓	✓	✓	✓	✓	✓
Version						
Gif89a	✓	✓	✓	✓	✓	✓
Gif87a	✓	✓	✓	✓	✓	✓
Options						
Comments	✓	✓	✓	✓	✓	✓
Interlaced	✓	✓	✗	✗	✗	✗

IMAGES

Bitmap Formats

Tagged Image File Format .TIFF, .TIF	✓	✓	✓	✓	✓	✓
Compression						
Uncompressed	✓	✓	✓	✓	✓	✓
CCITT1D	✓	✗	✓	✗	✓	✗
G3FAX1D	✓	✗	✓	✗	✓	✗
G3FAX2D	✓	✗	✓	✗	✓	✗
G4FAX	✓	✗	✓	✗	✓	✗
LZW	✓	✓	✓	✗	✓	✗
JPG 6.0	✓	✓	✓	✗	✓	✗
JPEG	✓	✓	✓	✗	✓	✗
PACKBITS (RLE)	✓	✓	✓	✗	✓	✗
ZIP	✓	✓	✓	✗	✓	✗
DEFLATE	✓	✗	✓	✗	✓	✗
Colorspaces (photometric interpretation)						
WHITEISZERO	✓	✓	✓	✓	✓	✓
BLACKISZERO	✓	✓	✓	✓	✓	✓
RGB	✓	✓	✓	✓	✓	✓
RGBPALETTE	✓	✓	✓	✓	✓	✓
TRANSPMASK	✓	✓	✓	✓	✓	✓
CMYK	✓	✓	✓	✓	✓	✓
YCBCR	✓	✓	✓	✓	✓	✓
CIELAB	✓	✓	✓	✗	✓	✗
Zip Compression						
Fastest	✓	✓	✗	✗	✗	✗
Normal	✓	✓	✗	✗	✗	✗
Max	✓	✓	✗	✗	✗	✗
Options						
Image description	✓	✓	✓	✓	✓	✓
Jpeg Quality	✓	✓	✗	✗	✗	✗
Jpeg Compression	✓	✓	✗	✗	✗	✗
EXIF	✓	✓	✓	✓	✓	✓
XMP	✓	✓	✓	✓	✓	✓
IPTC	✓	✓	✓	✓	✓	✓

✓ supported
✗ not supported

IMAGES

Bitmap Formats

Portable Network Graphics						
.PNG	✓	✓	✓	✓	✓	✓
Filter						
None	✓	✓	✗	✗	✗	✗
Sub	✓	✓	✗	✗	✗	✗
Paeth	✓	✓	✗	✗	✗	✗
Options						
Compression	✓	✓	✓	✗	✓	✗
Interlaced	✓	✓	✓	✗	✓	✗
8 bit						
24 bit						
32 bit						
PiCture eXchange - ZSoft Paintbrush						
.PCX	✓	✓	✓	✗	✓	✗
Compression						
Uncompressed	✓	✓	✓	✗	✓	✗
RLE	✓	✓	✓	✗	✓	✗
Options:						
Version	✓	✓	✗	✗	✗	✗
Truevision Targa image						
.TGA, .Targa	✓	✓	✓	✗	✓	✗
Options						
Author	✓	✓	✗	✗	✗	✗
Compressed	✓	✓	✗	✗	✗	✗
Graylevel	✓	✓	✗	✗	✗	✗
Imagename	✓	✓	✗	✗	✗	✗
.VDA	✓	✗	✓	✗	✓	✗
.ICB	✓	✗	✗	✗	✗	✗
Utah Run length encoded image file						
.RLE	✓	✗	✗	✗	✗	✗

✓ supported
✗ not supported

IMAGES

Bitmap Formats

Alias/Wavefront RLE image format						
.Pix	✓	✗	✗	✗	✗	✗
Fax -Group 3 TIFF						
.Fax	✓	✗	✓	✗	✓	✗
Zetafax Fine Resolution TIFF File						
.G3F, .G3N	✓	✗	✗	✗	✗	✗
Adobe Encapsulated PostScript						
.EPS	✓	✗	✓	✗	✓	✗
Version						
EPSF-1.2	✓	✗	✓	✗	✓	✗
EPSF-2.0	✓	✗	✓	✗	✓	✗
EPSF-3.0	✓	✗	✓	✗	✓	✗
EXIF						
XMP						
IPTC						
Adobe Photoshop						
.PSD	✓	✗	✓	✗	✓	✗
Version						
6.0	✓	✗	✓	✗	✓	✗
7.0	✓	✗	✓	✗	✓	✗
CS	✓	✗	✓	✗	✓	✗
CS2	✓	✗	✓	✗	✓	✗
CS3	✓	✗	✓	✗	✓	✗

IMAGES

Vector Formats

	Server Operating System					
	Windows		Mac		Linux	
Vector formats	read	write	read	write	read	write
Enhanced Metafile						
.EMF	✓	✗	✗	✗	✗	✗
Windows Metafile						
.WMF	✓	✗	✗	✗	✗	✗
Adobe Illustrator						
.AI	✓	✗	✓	✗	✓	✗
Version						
10	✓	✗	✓	✗	✓	✗
11	✓	✗	✓	✗	✓	✗
12	✓	✗	✓	✗	✓	✗
EXIF						
XMP						
IPTC						
Freehand Graphic						
.FH10, .FH11	✓	✗	✗	✗	✗	✗
Version						
10	✓	✗	✗	✗	✗	✗
11	✓	✗	✗	✗	✗	✗
AutoCAD Drawing Interchange Format						
.DXF	✓	✗	✓	✗	✓	✗

✓ supported
✗ not supported

IMAGES

Camera RAW Formats

	Server Operating System					
	Windows		Mac		Linux	
	read	write	read	write	read	write
Camera Raw Images						
Canon Digital Camera Raw Image Format						
.cr2	✓	✗	✓	✗	✓	✗
.crw	✓	✗	✓	✗	✓	✗
Digital Negative						
.dng	✓	✗	✓	✗	✓	✗
Minolta Raw Image File						
.mrw	✓	✗	✓	✗	✓	✗
Nikon Digital SLR Camera Raw Image File						
.nef	✓	✗	✓	✗	✓	✗
Olympus Digital Camera Raw Image File						
.orf	✓	✗	✓	✗	✓	✗
Pentax Electronic File						
.pef	✓	✗	✓	✗	✓	✗
Fuji CCD-RAW Graphic File						
.raf	✓	✗	✓	✗	✓	✗
Sony DSC-F828 Raw Image File						
.srf	✓	✗	✓	✗	✓	✗
Sigma Camera RAW Picture File						
.x3f	✓	✗	✓	✗	✓	✗

IMAGES

Supported Camera Models (for RAW Processing)

Canon

Canon PowerShot 600
 Canon PowerShot A5
 Canon PowerShot A5 Zoom
 Canon PowerShot A50
 Canon PowerShot Pro70
 Canon PowerShot Pro90 IS
 Canon PowerShot G1
 Canon PowerShot G2
 Canon PowerShot G3
 Canon PowerShot G5
 Canon PowerShot G6
 Canon PowerShot S30
 Canon PowerShot S40
 Canon PowerShot S45
 Canon PowerShot S50
 Canon PowerShot S70
 Canon PowerShot Pro1
 Canon EOS D30
 Canon EOS D60
 Canon EOS 10D0A
 Canon EOS 20D0A
 Canon EOS 300D0A
 Canon EOS DIGITAL REBEL
 Canon EOS Kiss Digital
 Canon EOS D2000C
 Canon EOS-1D
 Canon EOS-1DS
 Canon EOS-1D Mark II
 Canon EOS-1Ds Mark II

Casio

Casio QV-2000UX
 Casio QV-3000EX
 Casio QV-3500EX
 Casio QV-4000
 Casio QV-5700
 Casio Exlim Pro 600

Contax

Contax N DIGITAL

Creative

Creative PC-CAM 600

Creo

Creo Leaf Valeo 22

Fuji

Fuji FinePix S2Pro
 Fuji FinePix S5000
 Fuji FinePix S7000
 Fuji FinePix E550
 Fuji FinePix F700
 Fuji FinePix S20Pro

Imacon

Imacon Ixpress

Kodak

Kodak DC20
 Kodak DC25
 Kodak DC40 (aka Logitech)
 Fotoman Pictura)
 Kodak DC50
 Kodak DC120
 Kodak DCS315C
 Kodak DCS330C
 Kodak DCS420
 Kodak DCS460
 Kodak DCS460A
 Kodak DCS520C
 Kodak DCS560C
 Kodak DCS620C
 Kodak DCS620X
 Kodak DCS660C
 Kodak DCS660M
 Kodak DCS720X
 Kodak DCS760C
 Kodak DCS760M

Kodak EOSDCS1
 Kodak EOSDCS3B
 Kodak NC2000F
 Kodak ProBack
 Kodak PB645C
 Kodak PB645H
 Kodak PB645M
 Kodak DCS Pro 14n
 Kodak DCS Pro 14nx
 Kodak DCS Pro SLR/c
 Kodak DCS Pro SLR/n

Konica

Konica KD-400Z
 Konica KD-510Z

Leica

Leica Digilux 2

Minolta

Minolta DiIMAGE 5
 Minolta DiIMAGE 7
 Minolta DiIMAGE 7i
 Minolta DiIMAGE 7Hi
 Minolta DiIMAGE A1
 Minolta DiIMAGE A2
 Minolta DiIMAGE G400
 Minolta DiIMAGE G500
 Minolta DiIMAGE G600
 Minolta DiIMAGE Z2

Nikon

Nikon D1
 Nikon D1H
 Nikon D1X
 Nikon D100
 Nikon D2H
 Nikon D70
 Nikon E950
 Nikon E990

✓ supported

✗ not supported

IMAGES

Supported Camera Models (for RAW Processing)

Nikon E995
 Nikon E2100
 Nikon E2500
 Nikon E4300
 Nikon E4500
 Nikon E5000
 Nikon E5400
 Nikon E5700
 Nikon E8700
 Nikon E8800

Sigma SD10

Sinar

Sinarback

Sony

Sony DSC-F828

Olympus

Olympus C5050Z
 Olympus C5060WZ
 Olympus C8080WZ
 Olympus E-1
 Olympus E-10
 Olympus E-20

Panasonic

Panasonic DMC-LC1

Pentax

Pentax *ist D
 Pentax Optio S
 Pentax Optio S4

Phase One

Phase One LightPhase
 Phase One H10
 Phase One H20
 Phase One H25

Rollei

Rollei d530flex

Sigma

Sigma SD9

AUDIO

Audio Files	Client Operating System			
	Windows		Mac	
	read	write	read	write
Waveform Audio .wav	✓	✗	✓	✗
MPEG Audio Layer III .mp3	✓	✓	✓	✓
Ogg Vorbis Codec Compressed Multimedia File .ogg	✓	✗	✓	✗
Windows Media Audio .wma	✓	✗	✓	✗
Real Networks Audio .ra, .ram	✓	✗	✓	✗
Audio Interchange-Format .aif, .aiff	-	✗	-	✗

VIDEO

Video Files	Client Operating System			
	Windows		Mac	
	read	write	read	write
Advanced Systems Format				
.asf	✓	✗	✓	✗
Windows Media Video V7	✓	✗		
M4S2	✓	✗		
MS MPEG-4 V1	✓	✗		
MS MPEG-4 V2	✓	✗		
Audio Visual Interleave				
.avi	✓	✗	✓	✗
AASC (Autodesk Animator Codec)	✓	✗		
AP41 (AngelPotion)	✓	✗		
ASV1 (Asus Video)	✓	✗		
ASV2 (Asus Video)	✓	✗		
AVC1 ("Advanced Video Coding")	✓	✗		
Cinepak	✓	✗	✓	✗
COL1	✓	✗		
CRAM	✓	✗		
CYUV	✓	✗		
DivX	✓	✗		
DV_PAL	✓	✗	✓	✗
DVCPRO_NTSC	✓	✗	✓	✗
DVCPRO_PAL	✓	✗	✓	✗
DX50	✓	✗		
FMP4	✓	✗		
H.261	✓	✗	✓	✗
H.263	✓	✗		
H.263p	✓	✗		
H.264	✓	✗		
huffyuv	✓	✗		
Intel Indeo 3	✓	✗	✓	✗
Intel Indeo 4	✓	✗	✓	✗
JPEG-LS (lossless JPEG)	✓	✗		
Loco	✓	✗		

✓ supported
✗ not supported

VIDEO

Microsoft RLE	✓	✗	✓	✗
Microsoft Video-1	✓	✗	✓	✗
MJPEG (Motion JPEG)	✓	✗		
MP4V	✓	✗		
MPEG-1	✓	✗		
MPEG-2	✓	✗	✓	✗
MPEG-4	✓	✗	✓	✗
MS MPEG-4 V2	✓	✗		
MS MPEG-4 V3	✓	✗	✓	✗
QPEG	✓	✗	✓	✗
Sørensen Video	✓	✗		
TechSmith Camtasia	✓	✗		
Ultimotion	✓	✗		
UMP4	✓	✗		
VSSH	✓	✗		
Windows Media Video V7	✓	✗		
Windows Media Video V8	✓	✗		
WV1F	✓	✗		
XVID	✓	✗		
DivX Movie				
.divx	✓	✗	✓	✗
Digital Video File				
.dv	✓	✗	✓	✗
DV	✓	✗	✓	✗
DVCPRO	✓	✗	✓	✗
Flash Video				
.flv	✓	✓	✓	✓
Sorenson Spark	✓	✓	✓	✓
On2VP6	✓	✗	✓	✗
H264				

VIDEO

Material eXchange Format					
.mxf	✓	✗			
MPEG-2	✓	✗			
MPEG-4	✓	✗			
op1a HD MPEG-2	✓	✗			
op1a PAL DV25	✓	✗			
XDCAM PAL DV25	✓	✗			
Moving Pictures Experts Group					
MPEG-1					
.mpg, .mpeg, .m1v	✓	✓	✓	✓	
.mpv	✓	✗	✓	✗	
MPEG-2					
.mpg, .mpeg	✓	✗			
MPEG-4					
.mp4	✓	✗	✓	✗	
Standard	✓	✗	✓	✗	
Optimized	✓	✗	✓	✗	
DivX	✓	✗			
H.264	✓	✗	✓	✗	
XVid	✓	✗			
Ogg Vorbis					
.ogg	✓	✗			
Theora	✓	✗			

VIDEO

QuickTime					
.qt	✓	✗	✓	✗	
.mov					
8bps (Planar RGB codec)	✓	✗			
Cinepak	✓	✗	✓	✗	
Component video	✓	✗	✓	✗	
DivX	✓	✗			
DV_PAL	✓	✗	✓	✗	
DVCPRO_NTSC	✓	✗	✓	✗	
DVCPRO_PAL	✓	✗	✓	✗	
H.261	✓	✗	✓	✗	
H.263	✓	✗	✓	✗	
H.264	✓	✗	✓	✗	
MPEG-1	✓	✗			
MPEG-2	✓	✗			
MPEG-4	✓	✗			
MSMPEG4 V2	✓	✗			
PNG	✓	✗			
RPZA ("Apple Video")	✓	✗			
Apple SMC ("Apple Graphics")	✓	✗			
Sorenson Video 3	✓	✗			
TGA	✓	✗	✓	✗	
Uncompressed RGB	✓	✗			
Real Networks Video					
.rm	✓	✗	✓	✗	
RealVideo G2	✓	✗			
Windows Media Video					
.wmv	✓	✗			
MP43	✓	✗			
Windows Media Video V7	✓	✗			
Windows Media Video V8	✓	✗			
Windows Media Video 9	✓	✗			
Windows Media Video 9 Advanced Profile	✓	✗			

✓ supported
✗ not supported

Public Relations

Marketing

Photography

Sales

Images

Photos

Graphics

Fonts

Subjects

Access

Send

Distribute

Cooperate

BUSINESS. MEDIA. PLATFORM.

Administration

Product Management

Design

Medical

Press-release

Presentations

PowerPoint

PDF

Video

Audio

Drawings

Edit

Archive

Integrate

Exchange