

Supported Raster Formats

Abbreviation	Data Type	Extension	Read	Write
GENERIC				
BMP	Windows Bitmap	.bmp	Yes	Yes
GIF	Compuserve Graphics Interchange Format	.gif	Yes	Yes
HDF	Hierarchical Data Format Release 4	.hdf	Yes	Yes
JPEG	JPEG File Interchange Format	.jpg/.jpeg/.jpe	Yes	Yes
JPEG2000	JPEG2000 Format	.jp2/.jpc/.j2k	Yes	Yes
PGM	Portable Graymap	.pgm	Yes	Yes
PNG	Portable Network Graphics	.png	Yes	Yes
PPM	Portable Pixelmap	.ppm	Yes	Yes
TIFF	Tag Image File Format	.tif/.tiff	Yes	Yes
X11	X11 PixMap Format	.xpm	Yes	Yes
RAW	RAW Binary Format (Manual Definition)	.*	Yes	No
RS/GIS				
AST14DEM	ASTER DEM	.hdf	Yes	No
ASTER L1A	ASTER Level 1A	.hdf	Yes	No
ASTER L1B	ASTER Level 1B	.hdf	Yes	No
ASTER L2	ASTER Level 2	.hdf	Yes	No
BSB	Maptech/NOAA BSB Nautical Chart	.kap	Yes	No
BT	VTP Binary Terrain Format	.bt	Yes	No
CEOS SAR	CEOS SAR Image (RADARSAT, ERS, etc)	.001/.dat	Yes	No
DEM	USGS ASCII DEM	.dem	Yes	No
DOQ1	USGS Digital Ortho Quad Old Style	.doq	Yes	No
DOQ2	USGS Digital Ortho Quad New Style	.doq	Yes	No
DTED0	NIMA Digital Terrain Elevation Data Level 0	.dt0	Yes	No
DTED1	NIMA Digital Terrain Elevation Data Level 1	.dt1	Yes	No
ECW	ERMAPPER Enhanced Compressed Wavelets	.ecw	Yes	Yes
ELAS	ELAS ZSoft Raster Format	.eas	Yes	Yes
ENVI BIL	ENVI BIL .hdr Labelled Image	.bil	Yes	Yes
ENVI BIP	ENVI BIP .hdr Labelled Image	.bip	Yes	Yes
ENVI BSQ	ENVI BSQ .hdr Labelled Image	.bsq	Yes	Yes
ENVISAT	ENVISAT Image Product	.n1	Yes	No
ERS	ERMAPPER Raster Dataset	.ers	Yes	No
ESRI BIL	ESRI BIL .hdr Labelled Image	.bil	Yes	Yes
ESRI BIP	ESRI BIP .hdr Labelled Image	.bip	Yes	Yes
ESRI BSQ	ESRI BSQ .hdr Labelled Image	.bsq	Yes	Yes
FAST	EOSAT/EUROMAP Fast Format	.dat/.fst	Yes	Yes
FAST-L7A	Landsat TM FAST-L7A	.dat/.fst	Yes	No
FIT	FIT Image	.fit	Yes	No
FITS	Flexible Image Transport System	.fits	Yes	Yes
GEOTIFF	GeoTIFF	.tif/.tiff	Yes	Yes
GRID	Arc/Info Binary Grid	.adf	Yes	No
GRID	Arc/Info ASCII Grid	.grd	Yes	Yes
GXF	GeoSoft Grid eXchange File	.gxf	Yes	Yes
IMG	ERDAS Imagine	.img	Yes	Yes
L1B	NOAA Polar Orbiter Level 1b Data Set	.l1b/.1b	Yes	No

Supported Raster Formats

MEM	Japanese DEM	.mem	Yes	No
MFF	Atlantis MFF Image	.hdr	Yes	Yes
MFF2	Atlantis MFF2 Image	.hkv	Yes	Yes
MODIS L1A	MODIS Level 1A	.hdf	Yes	No
MODIS L1B	MODIS Level 1B	.hdf	Yes	No
MODIS L3	MODIS Level 3	.hdf	Yes	No
NITF	National Imagery Transmission Format	.ntf	Yes	Yes
NOS	Softchart GEO/NOS	.nos	Yes	No
PCI AUX	PCI .aux labeled	.raw	Yes	Yes
PCI DSK	PCI Geomatics Database File	.pix	Yes	Yes
SDTS	USGS SDTS DEM	.ddf	Yes	No
SEAWIFS L3	SeaWiFS Level 3	.hdf	Yes	No
CEOS	CEOS Image Format	.001/.dat	Yes	No
SPOT SISA	SPOT 1,2,3 CEOS Image (SISA or Old format)	.dat	Yes	No
SPOT CAP	SPOT 4 CAP Format (New format)	.dat	Yes	No
SPOT GEO	GeoSPOT Format	.bil	Yes	No
SPOT DIMAP	SPOT 5 DIMAP Format	.tif	Yes	No
SSF	EUROMAP IRS PAN Super Structure Format	.img	Yes	No
SCANEX				
APT	SCANEX NOAA AVHRR APT	.apt	Yes	No
HRPT	SCANEX NOAA AVHRR HRPT	.hrp	Yes	No
LISS/L0	SCANEX IRS LISS Level 0	.irl	Yes	No
LISS1A	SCANEX IRS LISS-VNIR Level 1A	.hdf	Yes	Modify
LISS1B	SCANEX IRS LISS-VNIR Level 1B	.hdf	Yes	Modify
PAN/L0	SCANEX IRS PAN Level 0	.irp	Yes	No
PAN1A	SCANEX IRS PAN Level 1A	.hdf	Yes	Modify
PAN1B	SCANEX IRS PAN Level 1B	.hdf	Yes	Modify
PDS	SCANEX TERRA/AQUA MODIS Level 0	.pds	Yes	No
RSR	SCANEX RESURS/METEOR MSU-E Level 0	.rsr	Yes	No
SWIR1A	SCANEX IRS LISS-SWIR Level 1A	.hdf	Yes	No
SWIR1B	SCANEX IRS LISS-SWIR Level 1B	.hdf	Yes	No
WIFS1A	SCANEX IRS WIFS Level 1A	.hdf	Yes	No
WIFS1B	SCANEX IRS WIFS Level 1B	.hdf	Yes	No