

ClassNK-PEERLESS 2025.1 Import/Export Specifications

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Point Cloud	File Extension	Scanner	Discrete point cloud format	Note
Import	ptx	Leica Geosystems	○	Both formats are supported.
	pts	Leica Geosystems	○	
	fls, lsproj, fws	FARO		until FARO SCENE 2021.5.1.9021
	zfs, zfprj	Z+F		
	dp	Dot Products	○	
	e57	ASTM	○	
	las		○	
	asc, xyz, csv	TEXT format	○	
Export	ptx, pts	Leica Geosystems	○	
	e57	ASTM	○	
	asc	TEXT format	○	

3D format	File Extension	Option	Import	Export	Mesh	Sytems	Note
IGES	igs, iges		◎	○			
STEP	stp, step		◎	○			
CADMATIC 3DD	3dd			○	○	CADMATIC	
VRML	wrl			○	○		
DXF	dxf		○	○	○		3DFACE entity
STL	stl		○	○	○		
OBJ	obj			○	○		
PLY	ply		○		○		Point cloud not supported.
IFC	ifc			○		Rebro, Tfas	
EYEPoints	xml			○		EYECAD	Pipes and shaped steels
PCF	pcf		○	○		Plant3D	only Pipes
AVEVA DATAL	txt			○		PDMS, E3D	only Pipes, Demo menu
ACIS	sat	○	◎	○			
Parasolid	x_t, x_b	○	◎	○		SOLIDWORKS	
CATIA V5	*) Note	○	◎	○		CATIA V5	Import: CATProduct, CATPart Export: CATPart
JT	jt	○		○			
Autodesk Revit	Intermediate files	○		○		Revit	Revit Link Option (only Japan) System family + DirectShape

*) The ◎ mark is the format available in [Object]-[Parts]-[PutParts].