



ALLE VERSIONEN IM ÜBERBLICK

FEATURES	CONSTRUCTION	MINING-TUNNELLING	HERITAGE-ARCHITECTURAL	FORENSIC	PHOTO	FULL
Auto-creation profiles & cross sections			✓			
IMPORT						
Import point clouds	✓	✓	✓	✓	✓	✓
Import scans	✓	✓	✓	✓	✓	✓
Import meshes and CAD models	✓	✓	✓	✓	✓	✓
Raw scans colorization	✓	✓	✓	✓	✓	✓
Import projects	✓	✓	✓	✓	✓	✓
EXPORT						
Export point clouds	✓	✓	✓	✓	✓	✓
Export 3D mesh models	✓	✓	✓	✓	✓	✓
Gexcel ReCap Plug-in	✓	✓	✓	✓	✓	✓
FILTERING AND REGISTRATION						
Point clouds filtering	✓	✓	✓	✓		✓
LineUp® registration	✓	✓	✓	✓		✓
LineUp® Pro (automatic target-less) registration	Add-on	Add-on	Add-on	✓	Add-on	✓
MESHING						
Meshing type 1	✓	✓	✓	✓		✓
Meshing type 2	✓	✓	✓	✓		✓
Meshing type 3		✓				✓
Meshing type 4	✓	✓	✓	✓		✓
Mesh editor and mesh simplification	✓	✓	✓	✓		✓
COLORING						
Point color editor	✓	✓	✓	✓	✓	✓

Scans multiple color layer manager	✓		✓	✓	✓	✓
Camera calibration			✓	✓	✓	✓
Hi-Res texture meshes			✓	✓	✓	✓
GeoTIFF import and projection		✓	✓		✓	✓
OUTPUT						
Intelligent points clustering	✓	✓	✓	✓	✓	✓
3D models comparisons	✓	✓	✓	✓		✓
Surface analysis	✓	✓	✓	✓		✓
Scan-based camera calibration			✓	✓	✓	✓
Cross sections and isolines	✓	✓	✓	✓	✓	✓
Unfold cylindrical/spherical surfaces	✓	✓	✓	✓	✓	✓
Orthophotos from point clouds and meshes	✓	✓	✓	✓	✓	✓
Orthophotos from hi-res textured meshes			✓	✓	✓	✓
Linear distances	✓	✓	✓	✓	✓	✓
Area calculation	✓	✓	✓	✓	✓	✓
Link to CAD	✓	✓	✓	✓	✓	✓
Volume calculation	✓	✓	✓	✓		✓
Cut & Fill volume calculation		✓				✓
Ridges & Valleys extraction		✓				✓
Mesh border edges detection	✓	✓	✓	✓		✓
Video creation	✓	✓	✓	✓	✓	✓
Trajectories definition				✓		✓
View points definition				✓		✓
Tunnel tools		✓				✓

Alle Angaben vorbehaltlich technischer Änderungen