

Main Window Commands

File	Full	Lite
Open block	x	x
Open inside fence	x	x
Read points	x	x
Save points	x	x
Save points As	x	x
Close points	x	x

Output	Full	Lite
Output alignment report	x	x
Create surface model	x	
Export lattice model	x	x
Export raster image	x	x
Write to design file	x	x
Write as line strings	x	x

View	Full	Lite
Small dialog	x	x
Medium dialog	x	x
Large dialog	x	x
Wide dialog	x	x
Fields	x	x
Header records	x	x
Fit view	x	x
Display mode	x	x

Point	Full	Lite
Undo classification	x	x
From list	x	x
Edit selected	x	x
Select by class	x	x
Find	x	x
Delete		
Selected points	x	x
By point class	x	x
By flightline	x	x
Inside fence	x	x
Outside fence	x	x
Using centerline	x	x

Tools	Full	Lite
Show statistics	x	x
Macro	x	
Addon		
View histogram	x	x
Draw bounding box	x	x
Draw into profile	x	x
Draw into sections	x	x
Draw polygons	x	x
Smoothen points	x	x
Thin points	x	x
Adjust to geoid	x	x
Convert geoid model	x	x
Transform loaded points	x	x
Transform known points	x	x
Output control report	x	x
Assign groups	x	x
Assign color to points	x	x
Compute normal vectors	x	x
Extract color from images	x	x
Extract echo properties	x	x
Compare with reference	x	x
Sort		
By time stamp	x	x
By increasing X	x	x
By decreasing X	x	x
By increasing Y	x	x
By decreasing Y	x	x
By increasing Z	x	x
By decreasing Z	x	x
Read		
Building models	x	x
Paint lines	x	x
Section parameters	x	x
Slope arrows	x	x
Wires	x	x

Classify	Full	Lite
Rectify		
By class	x	x
Low points	x	
Isolated points	x	
Air points	x	
Closeby points	x	
Ground	x	
Hard surface	x	
Below surface	x	
By height from ground	x	
By absolute elevation	x	
By echo	x	
By echo difference	x	
By echo length	x	
By intensity	x	
By color	x	
By centerline	x	
By section template	x	
By time stamp	x	
By angle	x	
By scan direction	x	
By normal vector	x	
By range	x	
By scanner	x	
Railroad	x	
Buildings	x	
Walls	x	
Model keypoints	x	x
Contour keypoints	x	x
Groups		
Moving objects	x	
Trees	x	
Inside fence	x	x
3D Fence	x	x
Detect plane	x	
Detect trees	x	
Assign	x	
Add point to ground	x	

Flightline ¹	Full	Lite
Deduce using time	x	x
Deduce from order	x	x
Start at new selection	x	x
Modify numbering	x	x
Draw from points	x	x
Draw from file	x	x
Adjust laser angles	x	
Cut overlap	x	

¹ for airborne/mobile points only

Measurement ²	Full	Lite
Translate	x	x
Rotate	x	x
Place target object	x	x
Transform	x	x
Fit point clouds	x	x
Modify numbering	x	x

² for static terrestrial points only

Main Tool Box

General	Full	Lite
Settings	x	x
Define Coordiante Setup	x	x
Define Classes	x	x
Design Block Boundaries	x	x
Define Project*	x	x
Manage Trajectories*	x	x
Load airborne points	x	x
Load ground points	x	x
About TerraScan	x	x
Help on TerraScan	x	x

* details in separate table

View Laser	Full	Lite
Draw vertical section	x	x
Draw horizontal section	x	x
Move section	x	x
Rotate section	x	x
Cut section	x	x
Travel path	x	x
Travel view	x	x
Synchronize views	x	x
Measure point density	x	x
Update distance coloring	x	x

Draw	Full	Lite
Mouse point adjustment	x	x
Fit linear element	x	x
Drape linear element	x	x
Find breakline along element	x	x
Cut linear element	x	x
Check footprint polygons	x	x
Set polygon elevation	x	x
Construct planar building	x	
Place collection shape	x	x
Inspect elements	x	x

Define Project	Full	Lite
File		
New project	x	x
Open project	x	x
Save project	x	x
Save project as	x	x
Edit project information	x	x
Import points into project	x	x
Import directory	x	x
Block		
Add by boundaries	x	x
Edit definition	x	x
Delete definition	x	x
Release lock	x	x
Draw boundaries	x	x
Create along centerline	x	x
Create along tower string	x	x
Transform boundaries	x	x
View		
Short list	x	x
Medium list	x	x
Long list	x	x
Sort	x	x
Tools		
Run macro	x	
Adjust to geoid	x	x
Adjust xyz	x	x
Output control report	x	x
Show statistics	x	x
Check coverage	x	x
Validate blocks	x	x
Copy from reference	x	x
Extract color from images	x	x
Extract echo properties	x	x
Export lattice models	x	x
Export raster images	x	x
Export 3D ortho	x	x
Output collections	x	x

Model	Full	Lite
Create editable model	x	x
Assign point class	x	x
Classify using brush	x	x
Classify fence	x	x
Classify above line	x	x
Classify below line	x	x
Classify close to line	x	x
Add synthetic point	x	x
Remove vegetation	x	x
Fix elevation	x	x
Rebuild editable model	x	x

Manage Trajectories	Full	Lite
File		
Set directory	x	x
Import files	x	x
Import directory	x	x
Merge from GPS and INS	x	x
Import accuracy files	x	x
Output positions	x	x
Trajectory		
Edit information	x	x
Assign number	x	x
Delete	x	x
View positions	x	x
View		
Small dialog	x	x
Large dialog	x	x
Sort	x	x
Fields	x	x
Tools		
Split	x	x
Cut turnarounds	x	x
Delete outside polygons	x	x
Split at laser gaps	x	x
Link to waveform files	x	x
Renumber trajectories	x	x
Thin positions	x	x
Transform	x	x
Add lever arm	x	x
Adjust to geoid	x	x
Convert angles	x	x
Convert time stamps	x	x
Create macro	x	x
Draw into design	x	x

Vectorize Wires	Full	Lite
Place tower string	x	
Activate power line	x	x ³
Detect wires	x	
Place catenary string	x	
Check catenary attachments	x	
Assign wire attributes	x	

³ in View Powerline tool bar

Vectorize Towers	Full	Lite
Place tower	x	
Edit tower information	x	
Move tower	x	
Rotate tower	x	
Add cross arm	x	
Set cross arm elevation	x	
Extend cross arm	x	
Rotate cross arm	x	
Modify cross arm	x	
Delete Cross arm	x	
Create attachments	x	
Add attachment	x	
Move attachment	x	
Delete attachment	x	

View Powerline	Full	Lite
View tower spans	x	x
Label towers	x	x
Label catenary height	x	x
Find danger objects	x	x
Create span tiles	x	x
Output catenary	x	x
Export power line	x	x

Waveform	Full	Lite
View waveform	x	
Extract echoes from waveform	x	

Road	Full	Lite
Find automatic breaklines	x	
Find road breaklines	x	
Import road breaklines	x	
Draw slope arrows	x	
Draw sight distances	x	
Draw sign visibility	x	
Label alignment curvature	x	
Write alignment elevations	x	
Fit geometry components	x	

Railroad	Full	Lite
Place railroad string	x	x
Fit railroad string	x	x
Find rails	x	x
Find wires	x	x
Check wire ends	x	x

Buildings	Full	Lite
Vectorize buildings	x	
Check building models	x	x ⁴
Construct roof polygons	x	
Create buildings from polygons	x	

⁴ in Building Patches tool bar

Building Patches	Full	Lite
Split building	x	x
Split patch	x	x
Merge patches	x	x
Remove patch	x	x
Remove details	x	x
Draw building section	x	x
Extrude building	x	x

Building Edges	Full	Lite
Set all edges	x	x
Apply straight line	x	x
Apply intersection line	x	x
Modify edge	x	x
Move edge vertex	x	x
Align edge segment	x	x
Build step corner	x	x
Cut edge corner	x	x
Cut edge segment	x	x
Delete edge vertex	x	x
Insert edge vertex	x	x