



# SurPad4.0

## Field Data Collection Software

SurPad4.0 is a GNSS surveying and mapping software. It is designed based on years of accumulated market experiences, combining them with the international mainstream of surveying and mapping data acquisition function of the software, integrating RTK control, GIS data collection and road design and layout into one place. The software has outstanding graphic interaction, powerful functions and is able to humanize operation process.

# Features

<b>Basic Information</b>		CAD Layer	Support DXF, DWG, XML
Platform	Android	View in 3D	Support
Update	Support online update	Real-time Drawing	Support
Activation	Support online activation	Manual Drawing	Support
<b>Communication</b>		CAD Surveying	Support
Bluetooth	Support	CAD Calculation	Angle, distance and area
WIFI	Support	<b>COGO</b>	
Serial Port	Support	COGO Function	Coordinate inverse calculation
Simulation	Support customized coordinate		Point line calculation
<b>Map Function</b>			Vector
Online	Google street map <sup>1</sup> Google satellite map <sup>2</sup> Open street map		Two lines angle
Offline	SHP, DXF, DWG, XML		Intersection calculation
<b>Coordinate System</b>			Resection
Predefined	Large number of coordinate Systems		Forward intersection
Localization	Four parameters and seven parameters	Coordinate positive calculation	
Geoid Files	GGF, SGF, UGF	Offset point calculation	
Grid Files	GSB	Equal point calculation	
Sharing Function	Share with QR code or save locally	<b>Stakeout</b>	
RTCM1021~1027	Support	Stakeout Target	Point, line, road, cross section
<b>Import &amp; Export</b>		Stakeout Reference	North or forward direction
Export	CSV, DAT, DXF, KML, GPX, HTML...	Voice	Support voice prompt
Import	CSV, DAT, TXT, DXF, KML...	<b>Language</b>	
<b>Survey Mode</b>		Software language	English
Point Type	Topo Point Control Point Quick Point Auto Point by time/distance Corner Point Tilt Point Stop and Go		Simplified Chinese
CAD Entity	Line, Polyline, Rectangle, Polygon, Circle, Arc, Spline	Traditional Chinese	
<b>CAD Function</b>		Portuguese	
		Korean	
		Polish	
		Spanish	
		Turkish	
		Russian	
		Italian	
		Japanese	
		Magyar	
		Sweden	
		Serbian	
		Greek	
		French	
		Bulgarian	
		Czech	

<sup>1</sup> The google service is required

<sup>2</sup> The google service is required

