



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

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

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



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