

Hi-Survey Road





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Hi-Survey Road is an Android software for all types of land surveying and road engineering projects in the field. It is compatible with CanMap professional controllers, Android phones, tablets and other third-party Android devices. As a sleek and easy-to-use software, Hi-Survey Road supports the operating of big data with built-in tools and provides customized industrial application solutions to help users realize their full potential.

KEY FEATURES



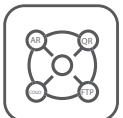
High accuracy and good reliability with various algorithms even in tough environments.

➔ Supporting tilt survey, quasi-dynamic technology, electronic bubble, detail survey, time mode static survey, etc.



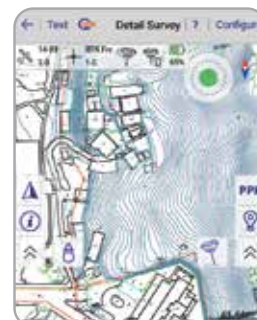
Integrated professional measurement functions for engineering applications.

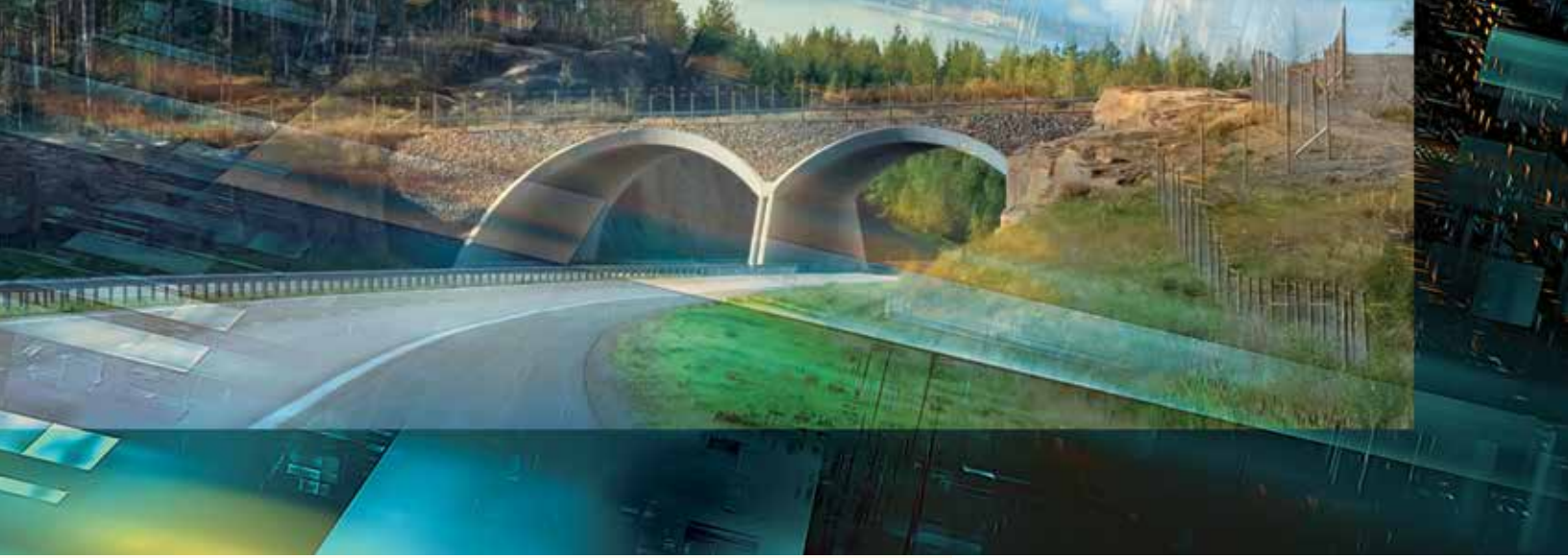
➔ Providing road functions, DTM surface operations, Cross-projects points selection, DXF and DWG format, Google map, OGC map service supporting WMS, WMTS, and third-party rangefinders, etc.



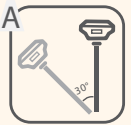
Versatile interactive functions empowering the surveyor to more effectively perform field work.

➔ AR stakeout, QR code scanning, COGO, FTP transmission, multi-format support, etc.





FUNCTIONS



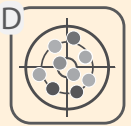
Optimized tilt survey correction algorithm and procedure to boost efficient fieldwork.



Quasi-dynamic technology to improve surveying accuracy even in harsh environments.



AR stakeout to provide assisted guidance and directions using an intelligent voice and compass.



View the number of the tracking satellites, PDOP, elevation mask, the current satellite constellations and other information in the sky plot interface.



Advanced CAD data management supporting DXF and DWG file formats. Enhanced stakeout capabilities using multiple object snap functions such as Intersection, Tangent, Perpendicular, etc.



DTM surface design, stakeout and earthwork calculations.



Convenient cross-project points selection for stakeout, calculation, etc.



Improved user experience with device check tools, compass, third-party rangefinders, transition curve calculation, FTP transmission and file coordinate conversation, etc.



ROAD ENGINEERING SURVEY

Built with professional road design, stakeout, and cross-station functions, Hi-Survey was developed for the surveyor.

Driven by CanMap's innovative technologies, Hi-Survey Road supports multiple road designs, offering *Centerline*, *Profile*, *Cross-section*, *Side-section*, *Broken Chainage* and construction functions.



Hi-Survey Road supports the direct import of road format data and Land XML files from the road library, improving road measurements.



View the graphic, confirm the location of stakeout points, and stakeout a road using the *Stake Road* function.



Survey and store cross-section points to perform various earthwork calculations.



APPLICATIONS



Topographic Survey



Road Engineering Survey



Construction Layout



Cadastral Survey

Descriptions and specifications are subject to change without notice.