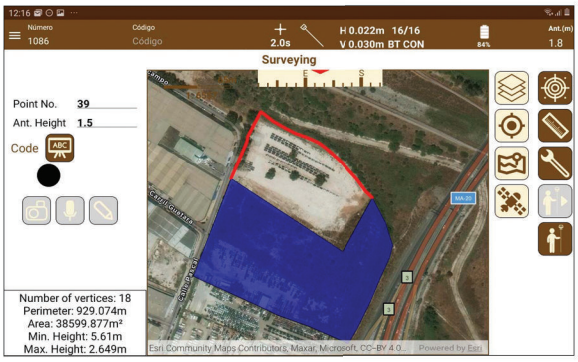
TcpGPS for Android™

Base Maps

ESRI™ base maps with global coverage are used, which can be displayed in street, satellite or topographic mode. Cartography files in DXF, DWG, GML, KML, KMZ and shape formats can also be loaded from the cloud or internal storage, as well as web map services (WMS) provided by official bodies.

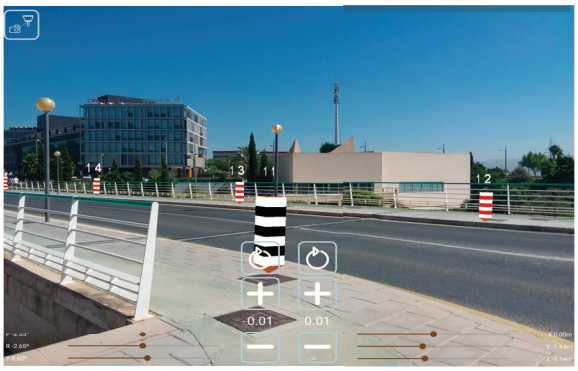
The program includes the EPSG database of geodetic systems, being able to work with different coordinate reference systems organized by countries, and local systems can also be defined.



Surveying

The application makes it very easy to survey topographic points and linear and polygonal entities, which are drawn in layers and with customized symbology. Photos and voice notes can be linked to points, that store basic and raw data and user-defined attributes. The continuous mode allows you to record points automatically, specifying a distance, time or slope interval.

All collected data can be exported to multiple formats and shared from within the application, to be stored in the cloud or sent by email or other means.



Stake Out

Points, lines and polylines of the cartography can be staked out, designating them graphically or selecting them by various criteria. The application provides different help modes, as a map, a compass, a target or augmented reality. In all cases a voice system informs the user about proximity to target.

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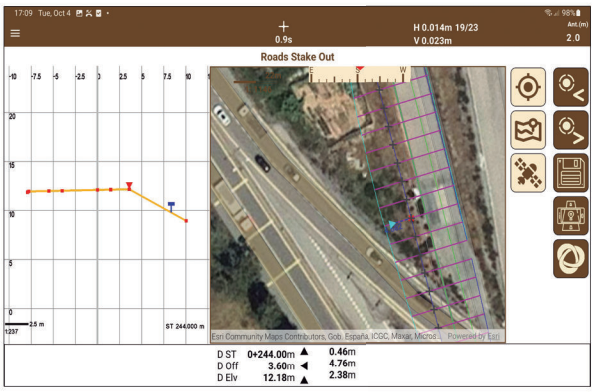
Professional Version

TcpGPS is very useful for roads, railways and civil projects in general, allowing to import files in LandXML, IFC and other formats. Points such as road edges, shoulders or curbs can be staked out. Slope control options are also provided.

The software generates the digital terrain model and contours from points and optional break lines. You can also compare the current elevation with that of a reference surface.

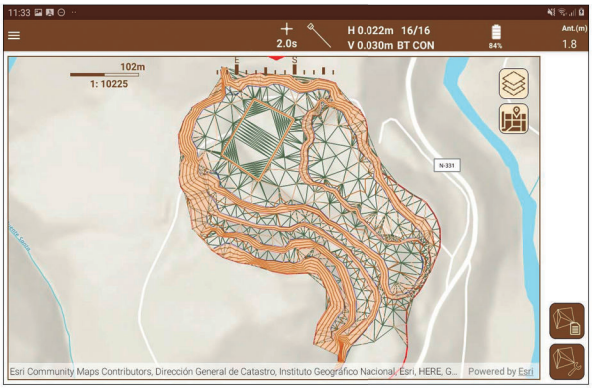
The application can add and manage issues using BIM Collaboration Format files (BCF).



GNSS Receivers

The software allows you to easily connect to any NMEA-compliant receiver. In addition, you can configure various receivers integrated in the device or connected via Bluetooth or TCP/IP, to work in base, rover or static mode and use corrections via radio or Internet with data from the collector or the equipment itself.

The status bar shows at all times the position type, accuracies, IMU status, etc. and supports GPS, GLONASS, Beidou, Galileo and SBAS constellations.



Requirements[1]

Operating System	Android™ 7.0 to 13.0
RAM Memory	Minimum 3GB
Performance Indicator	Minimum 12.393 and recommended 28.616 or more [2], according to comparison of Android devices on the site http://bitly.ws/uYYU
Screen size	Recommended 5" or higher
Sensors	Recommended Magnetometer, Accelerometer and Gyroscope
Connectivity	Bluetooth®, Bluetooth® LE or WiFi for connection to external receivers (depending on brand and model) or integrated GPS
GNSS Receiver	Compatible with the NMEA 0183 standard. The program also allows you to configure a number of brands and models of GNSS receivers in different working modes. Read more: https://bit.ly/3bOg4Bz

[1] Not all of the features of the application are available for all the devices and receivers. For an updated information about the certified receiver models and mobile devices, more detailed information about TcpGps for Android ™ requirements on www.aplitop.com.

[2] These indices are subject to change

Reseller

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