

Android Measurement Apps

VISTECH.PROJECTS@GMAIL.COM

HTTP://WWW.VISTECHPROJECTS.COM

A series of practical measurement tools for Android OS has been released by VisTech.Projects.

Telemeter, Partometer, Diskometer, Planimeter and Distance2Meter: all these tools use phone/tablet for non contact object measurements. This expands the measurement range as compared to a standard ruler or tape measure, so big distances and sizes can be measured.

Each of these tools has its own application area, where the tool can be applied optimally, but they complement each other and can be used together. The tools are easy to use and helpful for indoor planning and measurements, room design and outdoor activities.

Telemeter is a bundle of camera tools for room planning and outdoor measurements. You can align objects horizontally or vertically; check orientation in a room; measure and mark angles; detect electrical wiring in walls; measure width, height and length of an object; measure the height of an object from the ground; and measure distance to an object. If you are moving, buying new furniture, working in a garden, or simply need to estimate size or distance quickly without using a ruler, this app can be useful for you.

Partometer is made to replace the traditional ruler, measuring tape, and protractor as well as to extend the functionality of your phone. It measures width, length, angles, areas, circular objects, radius, arc length and length ratios. This app uses a reference object for measurements and can achieve very good accuracy (up to mm). A list of commonly used reference objects is also included in the application. The Custom option allows you to define your own reference object used in measurements. This app allows user to load pictures from picture gallery or use camera to make measurements on pictures and photos.

Diskometer is an application that is similar to Partometer, but uses circular reference objects to make measurements. This application has been developed to be used in manufacturing or as a control tool, where circular objects such as saw blades or disk saws, brakes, wheels, etc are under control or in production. App user can measure distance, size, angle, length, arc length, radius, area of objects, sector and segment areas.

Planimeter is a very useful tool that helps to measure big distances and areas on the map. This application allows users to mark different areas or set points on the map and see area, distance and perimeter measurement results and geo location on the screen. Mark points can be added on the map manually or using GPS. Address or area code search also available in the application. The measurement results can be converted in different units. Additional Info-Panel on the top of the screen shows more details about selected points: GPS coordinates, distances and angles. This app can be widely applied in different areas such as geography, golf, farming, geology, constructing, real estate, etc.

Distance2Meter helps you to measure a distance to an object using device camera and user's motion. This application gives you very good results for big distances. The results are shown in common metric units and steps as well. Distance2Meter has no constraints on phone position and orientation during the measurement and can be very useful in outdoor and sport activities.

All tools complement each other very well and can be used together. For example you can use Telemeter to estimate distance to an object plane and measure a reference object in this plane. Afterwards you can use Partometer to make measurements in this plane.

More information about the development and applications can be found on the VisTech.Projects website <http://www.vistechprojects.com>.

All applications can be downloaded directly from developer page on Google Play: https://play.google.com/store/apps/developer?id=vistech_projects

Telemeter	https://market.android.com/details?id=com.vistechprojects.telemeter
Partometer	https://market.android.com/details?id=com.vistechprojects.partometer
Diskometer	https://market.android.com/details?id=com.vistechprojects.diskometer
Planimeter	https://market.android.com/details?id=com.vistechprojects.planimeter
Distance2Meter	https://market.android.com/details?id=com.vistechprojects.distancometer

