X-PAD ULTIMATE GO

X-PAD Ultimate Survey GO Features

General
Jobs management
Open jobs from Gallery, Google Map and Calendar view
System settings (units, precision, parameters, etc.)
Automatic update of the application
Meteo info
TPS Instruments
Instrument profile management
Support of mechanical TPS
CAD
Full CAD viewer
Display functions (zoom, pan, rotation)
Info commands (id, distance, area, angle, distance to object)
Layers management
Visualization of the drawing on Google Maps
Maps
Several maps types available (Google, Bing, Ovi, ArchGIS, OpenStreet,...)
Import/Export
ASCII customized
DXF import/export, DWG import
LandXML
Esri Shape
Google Earth KML
Exchange files from cloud servers (Dropbox, Google Drive, SkyDrive)
Share files by e-mail, Bluetooth, Wi-Fi
Open files with applications installed on controller
Localized import/export data formats
Data management
Topographic points
Measurements
Features code (code - long description, symbol, layer, type)
Share points by e-mail, SMS, MMS

Setup and station orientation (TPS)
TPS orientation on reference point or reference azimuth
TPS orientation on multiple reference backsight points
Free station standard
Calculation of station elevation from one or multiple reference points
Survey
Standard points
Hidden points
Average of multiple measures on the same point
North view, direction view
Map view
Smart drawing
Basic drawing on measured points
Stakeout
Points (topographic points, CAD positions)
Lines/Arcs
Lines/Arcs with offset
Stake out reports
CAD drawing (lines, arcs, circles, polylines)
CAD drawing with offset (lines, arcs, circles, polylines)
North view, direction view
Map view
COGO & CHECK
Check distances from point and from lines/arcs/drawing objects
Intersection, alignment & offset
Reference line
Area Subdivision

Zoom10 and X-PAD GO are available in certain countries.
To find out more, contact your local distributor
https://geomax-positioning.com/contact-us/find-a-distributor

Android phone requirements

Feature	Recommended
Display Size	4.7" (854x480)
CPU	Quad-core 1.8Hz
RAM	3 GB
Android version	5 or higher

Feature	Recommended
Architecture CPU	armeabi; armeabi-v7a x86 arm64-v8a
Connectivity	Bluetooth (3 channels) WiFi

Zoom10 specification



Angle measurements

Accuracy	2" (0.6 mgon)

Distance measurements

Reflectorless Range	350m
Kodak White reflectorless	≥350m
Reflective Sheet	800m
Single Prism	3,000m
Three Prism	6,000m

Telescope

Magnification	30X
Field of View	1°20' (2.3m at 100m)
Minimum focusing distance	1.5m
Reticle	Illuminated

Compensator

System	Dual-axis
Accuracy	1"

Communication

Interface	Standard RS232, SD card, USB drive with micro USB, Bluetooth®
Internal Data Memory	Approx. 20,000 points
Data Format	ASCII

Plummet

Type	Laser plummet, 4 brightness levels
Accuracy	1 mm at 1.5m instrument height

Operation

Keyboard	2 sides alphanumeric backlit rubber keyboard
Display	High resolution backlight black and white display with contrast adjustment Graphics: 280 x 160 pixels Character: 6 lines x 25 characters
Data recording	1 GB internal memory, removable SD card and USB stick
Operating system	Dedicated onboard software

Physical specifications

Operating / storage temperature	-20° C to 50° C / -40° C to 70° C
Protection class	IP54 dust and waterproof rating

Power supply

Internal battery	ZBA10, removable Li-Ion 3 Ah / 7.4 V
Operating time	10-16 h*



OUR COMMITMENT TO QUALITY AND TO YOUR TECHNICAL PERFORMANCES

At GeoMax Positioning, making sure your equipment works when you do is our priority.

Our teams offer the services required to ensure your product works for its entire lifetime and we strive to always keep your satisfaction at an all-time high.

The Bluetooth® word mark and logos are owned by Bluetooth SIG.

LASER 2 / LASER 3R

Distance meter (reflector mode): Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1; **Laser plummet:** Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1; **Distance meter (reflectorless mode)**: Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1.

Total Care SHIELD

GEOMAX

geomax-positioning.com

GEOMAX AUTHORISED DISTRIBUTION PARTNER

05/20 XXXXXX en

Copyright GeoMax AG.
Illustrations, descriptions and technical specifications are not binding and may change.

GEOMAX

Works when you do



Zoom10 + X-PAD GO

The unbeatable partners on surveying site

PART OF HEXAGON

geomax-positioning.com

©2020 Hexagon AB and/or its subsidiaries and affiliates. All rights reserved.

Visit our website to find your local distributor: geomax-positioning.com

Zoom10



The Zoom10 benefits from the accuracy and ease at work of the Zoom family workflow.

Best performance and value ratio
The Zoom10 has been created following your field work requirements.
You want to get familiar with a user friendly and cost effective manual total station? The Zoom10 is made for you.

Bluetooth® embedded
The Zoom10 is built to operate with the full range of X-PAD software thanks to its wireless Bluetooth® functionality.
It guides you in every step of your work to increase your productivity wherever, in the field or in the office. It allows you to compile and process the data of every sensor on a unique platform.

Hexagon quality control
The GeoMax total station portfolio has been conceived to fulfill your needs when working in the most challenging environments. Just like all the other GeoMax products, the manual TPS, Zoom10 follows the quality control of Hexagon.

No limitations
To give you maximum flexibility, the Zoom10 comes with two displays by default. This enables you to operate the onboard software from both sides.

Quick and accurate point measurement
The dual axis Zoom10 provides a 2”accuracy and a 350mm range for reflectorless measurements.



LOOKING FOR ACCURACY AND THE EASIEST WORKFLOW ON THE JOB?

Zoom10 + X-PAD GO
the ideal combination!

NO TABLET NEEDED
Our software runs perfectly well on the most powerful Android smartphones

The Zoom10 has an ONBOARD SOFTWARE + BLUETOOTH

X-PAD GO is an UPGRADEABLE SOFTWARE
Additional modules available

MUCH MORE CONVENIENT
Customers can use a tablet for a better legibility

EASIER OPERATIONS ON SITES
when operated with X-PAD GO and a tablet or a smartphone

Zoom10 and X-PAD GO are available in some countries only. To find out more, contact your local dealer

X-PAD
ULTIMATE GO



MEASUREMENT OF POINTS

Thanks to the X-PAD GO solutions, you never lose control over your working parameters during the survey:
- the main dialog box displays all information related to the equipment in use.
- Survey codes and design features allow the correct classification of points and the creation of drawings.



STAKING OUT POINTS, LINES, DRAWING CANNOT BE SIMPLER

Every drawing element, including points, lines, arcs and every position, you define within the graphical view, can be staked out.

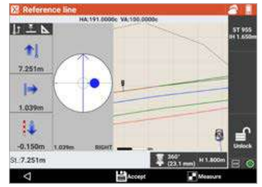
Voice guidance allows you to arrive at the point without looking at the display.



SHARE AND TRANSFER: FIELD AND OFFICE, ALWAYS CONNECTED

You can open and import any file, even if it is in the cloud. Thanks to the X-PAD GO, you can save your data on the most popular cloud platforms, like Google Drive, Microsoft OneDrive and Dropbox.

It is so easy to get the access to your data from the field or from your office.



COGO AND REFERENCE LINE

X-PAD GO includes several COGO features that help you determine new points or execute various calculations.

The software also provides the Reference Line procedure, which gives you access to more information related to the current position with respect to an element chosen as reference (line, arc, drawing element).

AUTO UPDATE

X-PAD GO updates itself!

You are always sure to use the latest version with the latest news and the latest updates.