



Zoom10 + X-PAD Ultimate GO

The unbeatable partners
on surveying site

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 Ultimate GO the ideal combination!



OPERATES ON SMARTPHONES

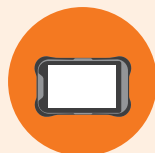
Our software runs perfectly well on most Android smartphones



The Zoom10 has an **ONBOARD SOFTWARE + BLUETOOTH**



X-PAD Ultimate GO is an **UPGRADEABLE SOFTWARE**
Additional modules available



MUCH MORE CONVENIENT

Customers can use a tablet for a better legibility

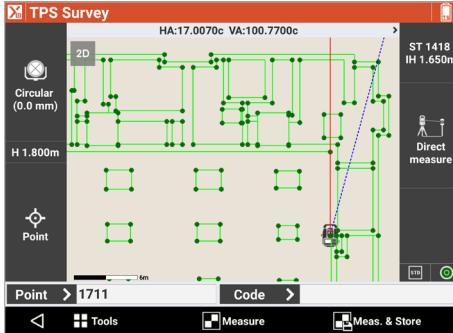


EASIER OPERATIONS ON SITES

when operated with X-PAD Ultimate GO and a tablet or a smartphone

X-PAD

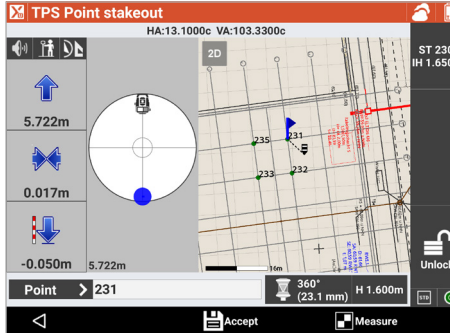
ULTIMATE GO



MEASUREMENT OF POINTS

Thanks to the X-PAD Ultimate GO solutions, you never lose control over your working parameters during the survey:

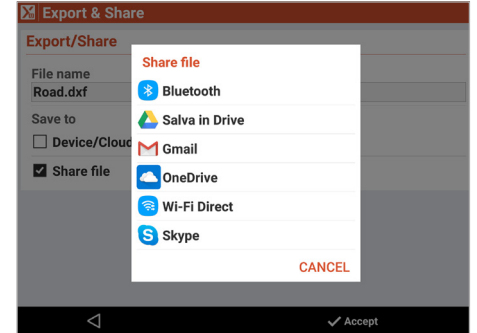
- the main dialog box displays all information related to the equipment in use.
- Survey codes and design features allow the correct classification of points and the creation of drawings.



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.

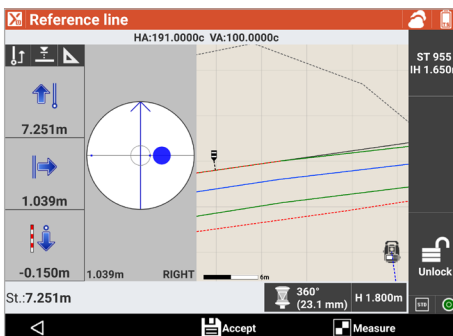
Voice guidance allows you to arrive at the point without looking at the display.



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 Ultimate 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 Ultimate 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 Ultimate GO updates itself!

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





X-PAD Ultimate 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	
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	
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 Ultimate 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 card
90% reflectance $\geq 350\text{m}$

Reflective Sheet 800m

Single Prism 3,000m

Three Prism 6,000m

Telescope

Magnification 30X

Field of View $1^{\circ}20'$ (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*

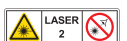


OUR COMMITMENT TO QUALITY AND TO YOUR TECHNICAL PERFORMANCES

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.



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



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