



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

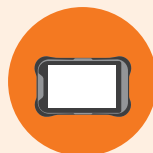
Our software runs perfectly well on most Android smartphones



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

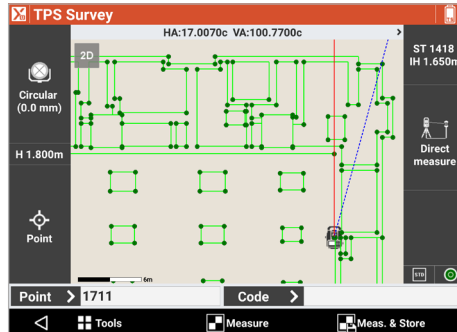


EASIER OPERATIONS ON SITES

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

X-PAD

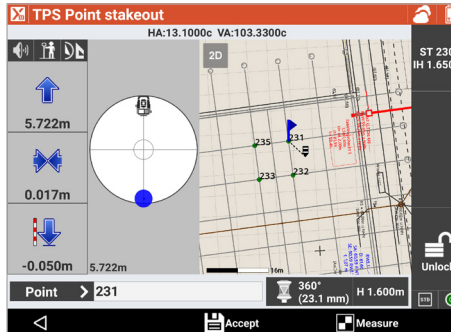
ULTIMATE GO



MEASUREMENT OF POINTS

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

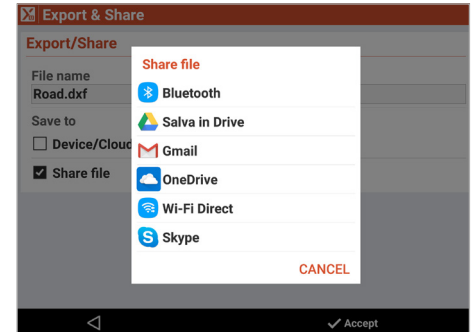
- the main dialog box displays all information related to the equipment in use.
- Survey codes and design features allow the correct classification of points and the creation of drawings.



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.

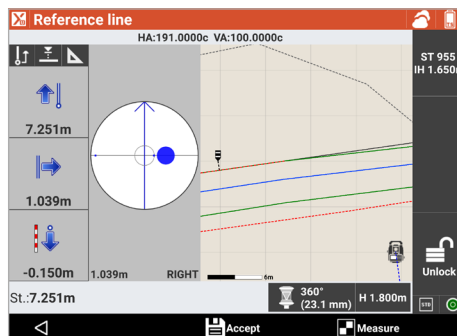
Voice guidance allows you to arrive at the point without looking at the display.



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	Setup and station orientation (TPS)
Jobs management	TPS orientation on reference point or reference azimuth
Open jobs from Gallery, Google Map and Calendar view	TPS orientation on multiple reference backsight points
System settings (units, precision, parameters, etc.)	Free station standard
Automatic update of the application	Calculation of station elevation from one or multiple reference points
Meteo info	Survey
TPS Instruments	Standard points
Instrument profile management	Hidden points
Support of mechanical TPS	Average of multiple measures on the same point
CAD	North view, direction view
Full CAD viewer	Map view
Display functions (zoom, pan, rotation)	Smart drawing
Info commands (id, distance, area, angle, distance to object)	Drawing on measured points
Layers management	Stakeout
Visualization of the drawing on Google Maps	Points (topographic points, CAD positions)
Maps	Lines/Arcs
Several maps types available (Google, Bing, Ovi, ArchGIS, OpenStreet,...)	Lines/Arcs with offset
Import/Export	Stake out reports
ASCII customized	CAD drawing (lines, arcs, circles, polylines)
DXF import/export	CAD drawing with offset (lines, arcs, circles, polylines)
LandXML	North view, direction view
Esri Shape	Map view
Google Earth KML	COGO & CHECK
Exchange files from cloud servers (Dropbox, Google Drive, SkyDrive)	Check distances from point and from lines/arcs/drawing objects
Share files by e-mail, Bluetooth, Wi-Fi	Intersection, alignment & offset
Open files with applications installed on controller	Reference line
Localized import/export data formats	Area Subdivision
Data management	
Topographic points	
Measurements	
Features code (code - long description, symbol, layer, type)	
Share points by e-mail, SMS, MMS	

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	Feature	Recommended
Display Size	4.7" (854x480)	Architecture CPU	armeabi; armeabi-v7a x86 arm64-v8a
CPU	Quad-core 1.8Hz	Connectivity	Bluetooth (3 channels) WiFi
RAM	3 GB		
Android version	5 or higher		

Zoom10 specification

Angle measurements

Accuracy	2" (0.6 mgon)
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Distance measurements

Reflectorless Range	350m
Kodak White card 90% reflectance	≥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.



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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