



Field Controller

The GeoMax Zenius800 field controller uses advanced technology resulting in the highest accuracy and efficiency needed for on-site success. Large BIM and CAD files can be quickly and easily uploaded. The high-performance octa-core processor guarantees that data will appear on-screen within seconds.

The clear 8" display makes working with design and 3D files simple and convenient. With an IP67 rating, the Zenius800 will operate reliably in adverse environmental conditions. The water repellant touchscreen is unaffected by water or dust.

Works when you do

X-PAD

Whether in the field or in the office, GeoMax X-PAD software streamlines workflows for maximum efficiency. GeoMax X-PAD field software is available in two tailored versions: one for surveyors and one for construction professionals, supporting both Windows and Android operating systems. Working closely with key-users around the world, X-PAD is continuously updated to maintain a perfect combination of clear structure, straightforward workflows and high functionality.

The GeoMax software offering is enhanced by X-PAD Fusion, a desktop software integrating geospatial data from TPS, GNSS, scanners and other sensors in a single environment. X-PAD Fusion is different than other software solutions in the market because it manages measurements, coordinates, drawings, point clouds and other types of data in ONE platform in a simple and intuitive way.

APPLICATIONS

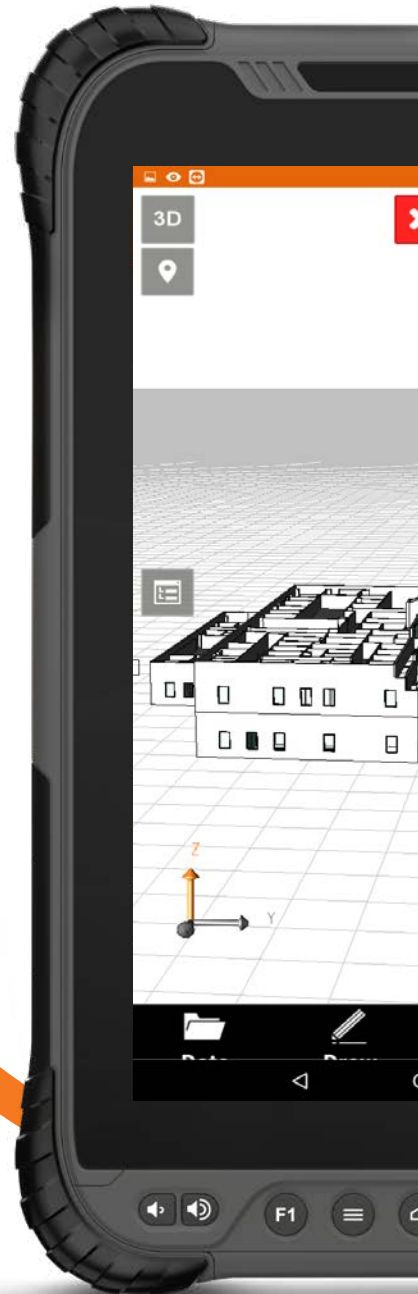
GNSS or TPS, stakeout or topographical survey - the Zenius800 is the optimal datalogger for every task in the field. The large screen provides a complete overview which makes working with CAD drawings or 3D models simple and intuitive. Make changes directly in the field so no need to go back to the office. Uploading speed for large data files is minimized because of the high-performance octa-processor.

The tablet's internal Bluetooth connects to robotic total stations (with radio) handling up to a radius of 300m providing a stable, uninterrupted remote workflow.



X-PAD SOFTWARE

APPLICATIONS



GeoMax Academy offers excellent training opportunities for authorized dealers. The training is offered globally with a focus on hardware and software. The Global Trainings take place in various locations around the world and provide a deep insight into applications and products within the GeoMax portfolio. The latest technological advances in the surveying and construction industry are also part of the curriculum.

Regional Trainings are also offered by request. The trainers will develop custom classes to assist local sales organizations meet the needs of specific areas.

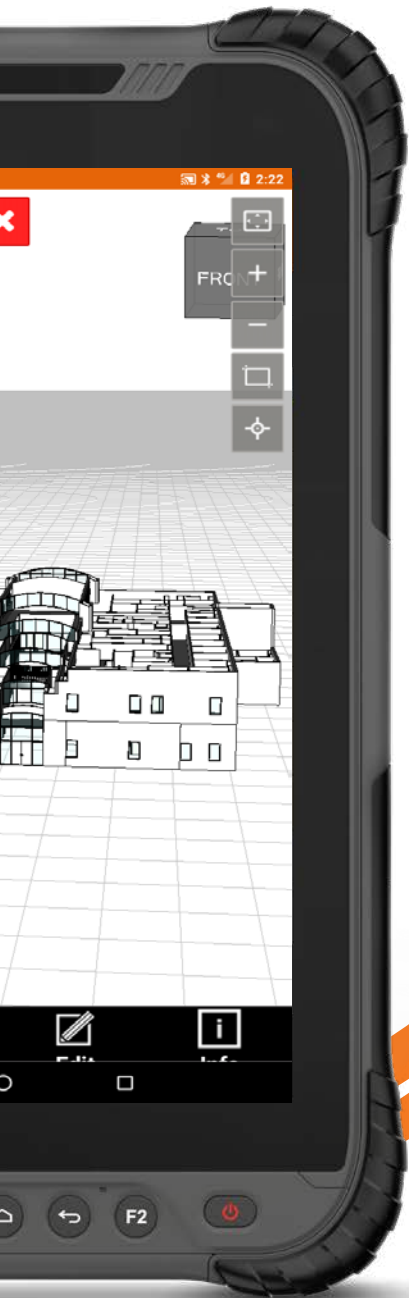
If you are interested in our training classes, please contact: academy@geomax-positioning.com

SUPPORT & TRAINING

RUGGEDNESS

Extreme conditions won't stop you working when using the Zenius800. The IP67 ingress protection rating ensures that neither dust nor water will damage the device. The shock-proof casing offers added protection if the tablet is dropped from a maximum height of two meters.

RUGGEDNESS





USER INTERFACE

Display	8" Sunlight readable HD display with 1280 x 800 resolution and protected by Corning® Gorilla® Glass
Keypad	8 Keys with customizable function keys
Operating System	Android 8.0 Oreo

OFFICE / CLOUD COMMUNICATION

Wi-Fi	802.11 a/b/g/n/ac
Cellular	4G LTE cellular modem
Network	TD-SCDMA: B34/B39 WCDMA: B1/B2/B5/B8 CDMA/EVDO: BC0 LTE-TDD: B38/B39/B40/B41 LTE-FDD: B1/B2/B3/B4/
Quad-Band GSM	850/900/1800/1900 MHz
USB	High speed USB Type-C OTG port

STORAGE

Internal	4GB RAM, 32GB Flash
MicroSD	SDHC supported Micro SD card slot
USB OTG	Mass-Storage device support

SYSTEM

Processor	Qualcomm® Snapdragon™ 626 incorporating 8 Cortex-A53 cores up to 2.2 GHz each
Battery power	8200 mAh 3.8 V Lithium-Ion battery (31.16Wh)
Operating time	Up to 15 hours

INSTRUMENT COMMUNICATION

Bluetooth®	Bluetooth 4.1
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DOCUMENTATION

Front Camera	5 MegaPixel fixed focus
Rear Camera	13 MegaPixel with auto-focus.
NFC	13.56 MHz with a 0 to 3cm reading distance

NAVIGATION

GNSS Solutions	Multi-constellation; single frequency GPS, GLONASS, Galileo, BeiDou
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PHYSICAL

Dimensions	242*152*17.8 mm
Weight	630 g (Including Battery)
Operating temp.	-20°C to +60°C
Protection class	IP67 dust-tight and withstands temporarily immersion under water.
Humidity	5 to 95% non-condensing
Vibration	Method 514.6-I
Shock	MIL-STD-810G, Method 516.6

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