



Field Controller

The GeoMax Zenius800 field controller uses the latest technology to achieve the high accuracy results and maximum efficiency required for on-site success. Uploading large BIM and CAD files is quick and easy. The high-performance octa-core processor ensures the data appears on the tablet screen in seconds.

A clear 8" display makes working with design and 3D files simple and convenient. With an IP67 rating the Zenius800 operates reliably despite adverse environmental conditions. The water repellant touchscreen is unaffected by water or dust, making sure it works when you do.



Works when you do

X-PAD

Whether in the field or in the office, GeoMax X-PAD software streamlines the workflow 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. Different to other software solutions in the market X-PAD Fusion 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. Working with CAD drawings or 3D models is simple and intuitive, thanks to the big screen that provides an overview of the complete picture. Make changes directly in the field so no need to go back to the office. Uploading time for large data files is minimized thanks to the high-performance octaprocessor.

The tablet's internal Bluetooth connects to robotic total stations with radio handle up to a radius of 300m. This allows an uninterrupted remote workflow due to the stable Bluetooth connection.



X-PAD SOFTWARE

APPLICATIONS



RUGGEDNESS



Within the GeoMax Academy, the company offers excellent training opportunities for GeoMax dealers. The training is carried out on a global scale with a focus on hardware and software. The Global Trainings take place in various places around the world and provide deep insight into applications and products within the GeoMax portfolio. The latest technological advances in the surveying and construction industry are another part of the curriculum.

To be close to the region and cover specific requests also Regional Trainings are offered. A dedicated team prepares tailor-made classes to helping the local sales organisation to meet local needs.

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

RUGGEDNESS

Extreme conditions won't stop you working whilst using the Zenius800. The IP67 ingress protection rating ensures that neither dust nor water will damage the device. Even if the tablet is dropped from a height of up to two meters, the shock-proof casing protects it when hitting the ground.





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 |
|------------|---------------|

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 |
|----------------|--|

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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