GEOMAX

Zenius800



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.

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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.

X-PAD SOFTWARE



SUPPORT & TRAINING

GEOMAX ACADEMY

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 tailormade 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

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.

APPLICATIONS



RUGGEDNESS

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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