Versatility
• Cloud connected by WiFi or cellular connection
• Connect to all instruments by Bluetooth® or RS232
• GNSS raw data logging

Fully Equipped
• Site documentation with onboard camera
• Geo-Tagged data by internal GNSS receiver
• Customisable keys for quick access

Ruggedness
• Glove-proof keypad design
• Withstands military standards
• Crystal clear display
Zenius5 W

Fully featured, full flexibility
The Zenius5 W is a versatile handheld fully packed with everything needed to do the job. If you are looking for flexibility in software and versatility in handling connections to hardware in the field or in the office, this unit is for you.

This rugged field ready Windows Mobile® handheld is built to meet GeoMax requirements for power, functionality and reliability, ensuring they always “work when you do”.

The onboard 5MP camera helps with daily documentation tasks by taking photos and storing them as notes.

User Interface
Display
Full VGA sunlight readable TFT with a 480 x 640 resolution
Keypad
Glove proof alphanumeric keypad
Dual customisable shortcut keys
OS
Full blown Windows embedded handheld 6.5 Professional

Instrument Communication
Bluetooth®
Class 2 Bluetooth® 2.1 EDR
RS232
Industrial standard DB9

Office / Cloud Communication
WLAN
802.11 a/b/n
Cellular
3.75G cellular modem
Five Band UMTS/HSPA+ (WCDMA/ FDD)
850/800,900, 1900 and 2100 MHz
Quad-Band GSM
850/900/1800/1900 MHz
USB
High speed USB-OTG port

Storage
Internal
512 MB program memory
8 GB storage capacity
Micro SD
SDHC supported Micro SD card slot
USB OTG
Mass-Storage device support

System
Processor
TI Sitara™ AM335x running at 1Ghz
Battery power
Removable Li-Ion smart battery
3400mAh 7.2V 24.48Wh
Operating time
Up to 10 Hours

Navigation
GNSS module
72 channel uBlox module with raw data output capabilities
Solutions
GPS/QZSS L1 C/A, GLONASS L10F, BeiDou B1, Galileo E1B/C
SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
Update rate
1 Hz
Accuracy
2.5 m CEP (Auto.) / 2.0 m CEP (SBAS)
Startup
Cold: 30sec. / Hot: 1sec

Documentation
Camera
Auto focus 5MP
Dedicated camera key

Physical
Dimensions
192*93*42mm
Weight
575g (Including Battery)
Operating temp.
-30°C to +60°C
Protection class
IP65 dust and waterproof
Humidity
5 to 95% non-condensing
Vibration
Random: MIL-STD-810G, Method 514.6E-I
Sinusoidal: ASAE EP455 Section 5.15.1
Shock
Withstands 1.2m drop on hard surface