

# Versatile Field Controller **Zenius5 W**



## 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

Windows Mobile®  
6.5 Professional

Micro SD card

72 channel  
u-Blox GNSS

WiFi

Bluetooth®

Smart battery

RS232 port

Status LED's

5 MP camera

Crystal clear display

Glove-proof keyboard

USB OTG port

### Navigation

GNSS module	72 channel uBlox module with raw data output capabilities
Solutions	GPS/QZSS L1 C/A, GLONASS I10F, 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
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### 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



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