



Field Controller

Versatility

- Windows™ or Android™ Operating System
- 3G/4G LTE / Wi-Fi and Bluetooth connectivity
- Tailored for GeoMax TPS/ GNSS and X-PAD field software

Fully equipped

- Site documentation with high resolution camera
- GeoTRAIL support for robotic TPS
- Customisable keys for quick access

Ruggedness

- Intuitive keypad design
- Fulfills military standards
- Large, crystal clear display



Zenius5 W



ZeniusX A

USER INTERFACE

Display	3.5" Full-VGA sunlight readable TFT with a 480 x 640 resolution	4.3" Wide-VGA sunlight readable TFT with a 480 x 800 resolution
Keypad	Customisable shortcut keys	Customisable shortcut keys
Operating System	Microsoft [®] Windows Embedded Handheld™ 6.5 Professional	Android 6.0.1 (Marshmallow)

OFFICE / CLOUD COMMUNICATION

Wi-Fi	802.11 a/b/n	802.11 a/b/n
Cellular	3.75G cellular modem	4G LTE cellular modem
Five Band UMTS/HSPA + (WCDMA/FDD)	850/800,900, 1900 and 2100 MHz	850/800,900, 1900 and 2100 MHz LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8
Quad-Band GSM	850/900/1800/1900 MHz	850/900/1800/1900 MHz
USB	High speed USB-OTG port	High speed USB Type-C OTG port

STORAGE

Internal	0.5 GB program memory; 8 GB storage capacity	1 GB program memory; 8 GB storage capacity
MicroSD	SDHC supported Micro SD card slot	SDHC supported Micro SD card slot
USB OTG	Mass-Storage device support	Mass-Storage device support

SYSTEM

Processor	TI Sitara™ AM335x, 1 GHz	Qualcomm [®] Snapdragon™ Quad Core, 1.1 GHz
Battery power	Removable Li-Ion smart battery; 3400 mAh 7.4V 25.2 Wh	Removable Li-Ion smart battery; 3400 mAh 7.4V 25.2 Wh
Operating time	Up to 10 hours	Up to 16 hours

INSTRUMENT COMMUNICATION

Bluetooth [®]	Class 2 Bluetooth [®] 2.1 EDR	Class 2 Bluetooth [®] 4.1 + Bluetooth [®] LE
Connection	RS232, Industrial standard DB9	USB Type-C

DOCUMENTATION

Camera	Auto focus, 5 MegaPixel	Auto focus, 8 MegaPixel with flash
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NAVIGATION

GNSS Solutions	Multi-constellation; single frequency. GPS/QZSS, GLONASS, BeiDou, Galileo; SBAS: WAAS, EGNOS, MSAS, GAGAN	Multi-constellation; single frequency. GPS/GLONASS/BeiDou
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PHYSICAL

Dimensions	192*93*42 mm	194*90*39.5 mm
Weight	595 g (Including Battery)	585 g (Including Battery)
Operating temp.	-30°C to +60°C	-30°C to +60°C
Protection class	IP65 dust-tight and withstands water jets	IP67 dust-tight and withstands temporarily immersion under water
Humidity	5 to 95% non-condensing	5 to 95% non-condensing
Vibration	Random: MIL-STD-810G, Method 514.6E-I Sinusoidal: ASAE EP455 Section 5.15.1	Random: MIL-STD-810G, Method 514.6E-I Sinusoidal: ASAE EP455 Section 5.15.1
Shock	Withstands 1.2 m drop on hard surface	Withstands 1.2 m drop on hard surface



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X-PAD

ULTIMATE

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Learn more at:
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