

2025 LandMark Spatial Solutions Mapping Grade Handheld Matrix

3/12/2025

	<div></div>	<div><div>25% off while quantities last</div></div>	<div><div>SOLD OUT</div></div>	<div><div>Used Units Only</div></div>	<div><div>25% off while quantities last</div></div>	<div></div>
Pros:	Good Numeric Keypad, Good GPS	Resistive Screen, Qerty Keyboard with Directional Arrows	Big screen, fast processor, tons of RAM, Numeric Keypad	Good Numeric Keypad, Good GPS, Echo Location for borderline tree measurement	Windows 10, 7" bright screen, GPS + Glonass, Fastest Processor, Most Memory	
Cons:	Slower operation, Locks up, no more replcement batteries	1 GB Storage but can add MicroSD card. Recommnd cradle for charging.	Screen is sensitive to excess rain or sweat, but Rain Mode helps.	Slower operation, Locks up, no more replcement batteries	none	
Price:	\$1299 \$975	\$1,399	\$1,399	\$1699 \$1275	\$2,915	
Processor:	800 MHz	1 GHz ARM Cortex-A8 processor	1.5GHz, dual core	800 MHz	Quad-core Intel® Pentium N4200 processor	
Internal Memory	8 GB Non-volatile Flash	1 GB Storage but can add MicroSD card	4 GB Non-volatile flash	8 GB Non-volatile Flash	128 GB Non-volatile flash	
RAM	512MB	512	1 GB	512MB	16 GB	
Display Size/Type	3.5" Color LCD Transmissive, 480x640 Full VGA , resistive touch	3.5" Color LCD Transmissive, 480x640 Full VGA , resistive touch	4.7" FWVGA capacitive touch display, chemically strengthened glass	3.5" Color LCD Transmissive, 480x640 Full VGA , , resistive touch	7" WXGA LCD (1280 x 800) High visibility backlit LCD, Scratch-resistant , capacitive touch	
Camera:	5MP Auto focus	5MP Auto focus	8 megapixel camera with autofocus and LED flash	5MP Auto focus	8MP rear, 2 MP front, geotagging, autofocus	
IP Rating:	IP 67	IP 65	IP 67	IP67 with Plug, 65 without	IP 68	
Standard Warranty:	6 Month	2 Years	1 Year	6 Month	2 years	
Extended Warranty:			\$329 for 3 years - Includes Accidents		\$390 for 2 years	
Battery	Li-Ion 11.1v, 3800mAH	4000 mAh	Li-Ion 11.1 V, 2500 mAh	Li-Ion 11.1v, 3800mAH	Li-Ion 43.2 WHr	
AC charge time:	4 hours	4 hours	4 hours	4 hours	2-4 hours	
Battery life:	9-11 hours	12+ hours	12 hours	9-11 hours	8-10 or 15-16 hours	
GPS Receiver Type	UBLOX 52 channel L1, C/A Code	UBLOX with Assisted GPS	UBLOX	UBLOX 52 channel L1, C/A Code	Ublox Neo M8 72 channel High-sensitivity GPS/GLONASS receiver - L1, C/A code	
SBAS:	WAAS, EGNOS, MSAS, GAGAN	WAAS, EGNOS	WAAS, EGNOS	WAAS, EGNOS, MSAS, GAGAN	WAAS, EGNOS, Beidou, Galileo	
Accuracy (Autonomous)	1-3 meters	1-3 meters	1-3 meters	1-3 meters	2-4 meters	
Accuracy with SBAS (Open Sky):	1-3 meters	1-3 meters	1-3 meters	1-3 meters	2-4 meters	
GPS Filtering	Yes		Yes	Yes	Yes	
Echo Location:	No	No	No	Yes	No	
Intergrated Scanner:	No	No	No	No	No	
G-Sensor Height Measurement:	No	No	Yes	Yes	No	
Measurements (in):	7.9 in x 3.7 in x1.7 in	6.1 in x 2.9 in x 1.0 in	7.5 in x 3.1 in x 1.3 in	7.9 in x 3.7 in x1.7 in	8.48 in x 5.4 in x 1.36 in	
Weight (oz):	15.6 oz	10 oz	17.3 oz	15.6 oz	24-32 oz	
Ports:	MiniUSB, headphone jack, 9 pin Serial, charging	Micro USB, headphone	Micro USB, USB Host, 9 pin Serial, headphone	MiniUSB, headphone jack, 9 pin Serial, charging	USB 3.0 Host, headphone, 9 pin Serial option,	
Additional memory	MicroSD Card up to 32GB	MicroSD Card up to 32GB	MicroSD Card	MicroSD Card up to 32GB	MicroSD Card	
802.11	802.11 b/g 54 Mb/s	802.11a/b/g/n	802.11 b/g/n	802.11 b/g 54 Mb/s	802.11b/g/n with extended range wifi and BT	
Integrated Scannerr	No	1D/2D	No	No	No	
Bluetooth:	Class II, v2.1 EDR	Bluetooth v2.1, Class 2 EDR	Class 2.1 with Enhanced Data Rate	Class II, v2.1 EDR	Class 1.5, v 2.1 EDR	
Operating System:	Windows Embedded Handheld 6.5	Windows Embedded Handheld 6.5 or Android	Windows Embedded Handheld 6.5 or Android	Windows Embedded Handheld 6.5	Windows 10 or Android 5.1	
Operating Temp.:	-4 to 140 °F	-13 to 158 °F	-22 °F to 140 °F	-4 to 140 °F	-4 F to 122 F	