

Geospatial Solutions



At Juniper Systems, our rugged handhelds are just as versatile as the needs they serve. Whether you're mapping irrigation systems, trails, vegetation, invasive species, assets, or utilities, you can count on Juniper Systems' geospatial solutions for simple and accurate GPS data collection.

Comparison GUIDE



Mesa Geo



Allegro MX with GPS



Archer + XF101



Archer with GlobalSat GPS



External Receivers

Example Applications	Photo Geotagging Resource Mapping Field Supervisor Vehicle Navigation	Forestry Log Scaling Trail Mapping Fisheries	Utilities Pipelines Disaster/Emergency Wetland/Vegetation	Road/Trail Mapping Weed Mapping Vegetation Mapping Crop Scouting	Juniper Rugged™ handhelds are designed to connect to virtually any external GPS receiver, whether via Bluetooth® wireless technology or a wired connection. This versatility offers the peace of mind of knowing that your existing GPS receiver and Juniper handheld will work together seamlessly.
GPS Accuracy: Real Time	2-5 meters	2-5 meters	Sub-meter	2-5 meters	
GPS Accuracy: Post Processed	N/A	N/A	Sub-meter	N/A	
GPS Location	Integrated	Integrated Pod	Top Mount (CF Interface)	CF Card	
SBAS / WAAS Support	Yes	Yes	Yes	Yes	
NMEA 0183 Out	Yes	Yes	Yes	Yes	
External Antenna Support	No	No	Yes	No	
Size	5.3 x 8.6 x 2 in (13.6 x 22 x 5.1 cm)	10 x 5.25 x 1.5 in (25.6 x 13.3 x 79 cm)	12.9 x 3.8 x 1.5 in (33 x 9.6 x 3.8 cm)	8.9 x 3.5 x 1.5 in (22.6 x 8.9 x 3.8 cm)	
Weight	2.2 lbs / 998 g with two batteries	1.8 lbs / 840 g	28 oz / 794 g	21.5 oz / 610 g	
Suggested Software	Esri ArcPad®	LandMark Mobile™ Esri ArcPad®	OnPoz GNSS Driver Esri ArcPad®	Esri ArcPad® OnPOZ GNSS Driver	
Optional Post Process Software	N/A	N/A	EZSurv™ Lite; L1	N/A	

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